

Book No 5

H. A. ALLARD

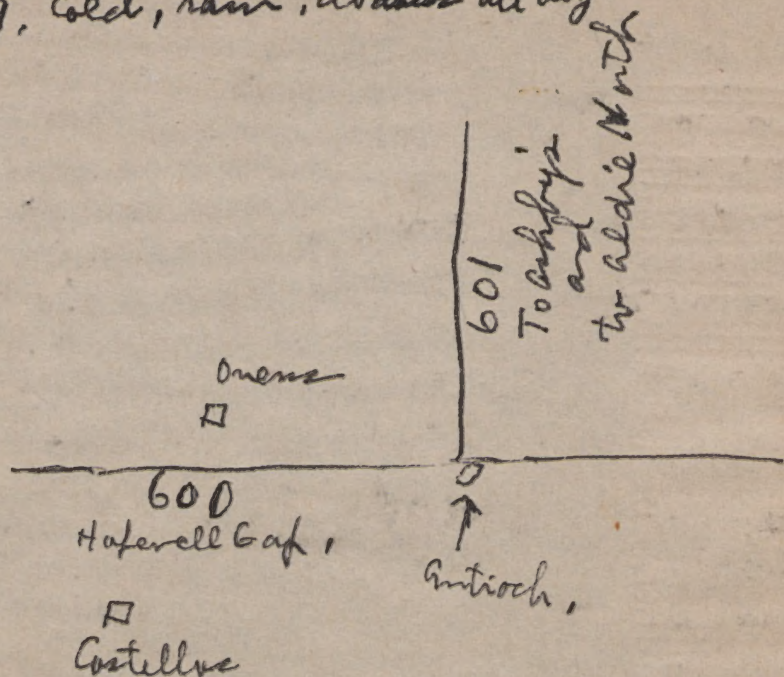
Field
Collection

Numbers

6104-7447

5 Allard Field Notes 6104-7447

To south end of Shurt Mt., Va., Massanutten,
Shenandoah Co., with Dr. Bruno Klinger,
April 16, 1939. Cold, rain, clouds all day.



See letter of March 29, 1939 from
Dr. William R. Mazon, Curator,
Division of Plants, U.S. Nat. Museum,
relative to plants of mine 2672 - 4380.
Grasses rec ident. by J. R. Smallen & Mrs. T. C.
reintramb. Compositae by Dr. S. F. Blake;
sedges & rushes by Dr. T. J. Hermann,
Cladonia by Prof. A. W. Evans, of
Yale Univ. Ferns by Dr. Mazon,
Remainder by Dr. Leonard.

Mt. Traveler, Magee, The Fowler
Ponds = T5 R9
Mt = T3 R9
Lake Mataganon at camp = T6 R8,
Patter = T4 Range 6
Horse Mt = T6 R8.

In event of death turn this
book over to the

Allard, H. A. Md., Me., Va., W. Va. 1939.

Book 5.

Field Notes nos. 6104 - 7447.

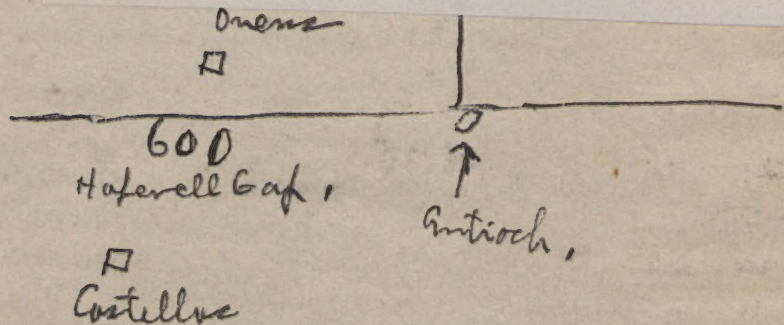
April 30, 1939. To Bull Run Mt.
High Point cliffs with D. (Bull Run Mt.)
rain at 5 P.M.
May 7, 1939. To Three Top Mt., Va
Massanutten Range, N.W. of
Woodstock, Va. with T. clear, hot.
May 10, 1939. To ledges on ridge near
nest of Big Schloss - Denks Kate Mt.,
ridge, in Hardy Co., West Va.
Clear, bright, cool day. (with Bruno
Klinger.)

May 14, 1939. To Pond Mt. with T. cool, cloudy.
May 21, 1939 To area N. of Belts and toward
Landmark with T., covering much of area.
Hills here (wooded) 1000 ft.

May 24, 1939 To great rock slides on
Three Top Mt., Massanutten, at east
end of Pugh's Run, stopping at farm
of Mr. Bruner here, walking to Sager's
place (dilapidated) - home of the slides
to top of ridge.

Manufactured by
U. S. Government Printing Office

To south end of Shurt Mt., Va., Massanutten,
Shenandoah Co. with Dr. Bruno Klinger,
April 16, 1939.



See letter of March 29, 1939 from
Dr. William R. Maxon, Curator,
Division of Plants, U.S. Nat. Museum,
relative to plants of mine 2672 - 4380.
Grasses re ident. by J. R. Smallen & Mrs. T. C.
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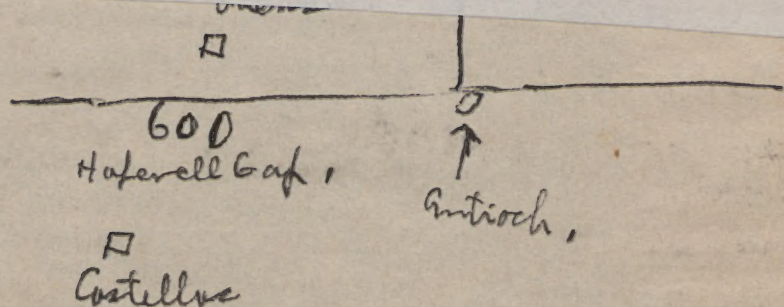
Mt. Traveler, Magee, The Fowler
Ponds = T5 R9
Mt = T3 R9
Lake Mataganom at camp = T6 R8,
Patten = T4 Range 6
Horse Mt = T6 R8.

In event of death turn this
book over to Mr. E. C. Leonard
of the U.S. National Herbarium.
H. A. Allard

April 30, 1939. To Bull Run Mt.
High Point cliffs with D.
Train at 5 P.M.
May 7, 1939. To Three Top Mt., Va
Massanutten Range, N.W. of
Woodstock, Va. with T. clear, hot.
May 10, 1939. To ledges ^{west} ridge ^{drift}
west of Big Schloss - Denks Kate Mt.,
ridge, in Hardy Co., West Va.
Clear, bright, cool day. (with Bruno
Klinger.)
May 14, 1939. To Pond Mt. with T. cool, cloudy.
May 21, 1939 To area N. of Belts and toward
Landmark with T., covering much of area.
Hills here (wooded) 1000 ft.
May 24, 1939 To great rock slides on
Three Top Mt., Massanutten, at east
end of Pughs Run, stopping at farm
of Mr. Bruner, ^{B-2-B-1} ^{Manufactured by} ^{U.S. Government Printing Office} walking to Sager's
place (dilapidated) - ^{home} of the slides
to top of ridge.

To son
Shenandoah
April

just about 1000 ft. above
level of J. B. road at base of
mountain. 2000 ft. above
level of J. B. road at base of
mountain. 2000 ft.



see letter of March 29, 1939 from
Dr. William R. Maxon, Curator,
Division of Plants, U.S. Nat. Museum,
relative to plants of mine 2672 - 4380.
Grasses rec ident. by J. R. Swallen & Mrs. T. C.
reintramb. Compositae by Dr. S. F. Blake;
sedges & rushes by Dr. T. J. Hermann,
Cladonia by Prof. A. W. Evans, of
Yale Univ.; Ferns by Dr. Maxon,
Remainder by Dr. Leonard.

Mt. Traveller, Magee, The Fowler
Ponds = T5 R9
Mt = T3 R9
Lake Mataganon at camp = T6 R8,
Patten = T4 Range 6
Horse Mt = T6 R8,

April 16, 1939. To south end of Shenandoah Mt.,
Massanutten, Shenandoah Co., with
Bruno Klinger. alt. 2700 ft.
April 23, 1939. To Devils Hole Mt. ridge
in Alleghenies west of Edinburgh, with
Bruno Klinger, following ridge N.
to Big Schloss, a rocky pinnacle
3000 ft.

April 30, 1939. To west slope below
High Point cliffs with D. (Ball Run Mt.)
rain at 5 P.M.

May 7, 1939. To Three Top Mt., Va
Massanutten Range, N.W. of
Woodstock, Va. with T. clear, hot.

May 10, 1939. To ledges on ridge ^{west} of
Devils Hole Mt.,
west of Big Schloss - Hardy Co., West Va.
Clear, bright, cool day. (with Bruno
Klinger.)

May 14, 1939. To Pond Mt. with T. cool, cloudy.

May 21, 1939 To area N. of Belts and toward
Landmark with T., covering much of area.
Hills here (wooded) 1000 ft.

May 24, 1939 To great rock slides on
Three Top Mt., Massanutten, at east
end of Pughs Run, stopping at farm
of Mr. Bruner, ^{B-2-B-1} walking to Sager's
place (dilapidated) - ^{home of the slides}
to top of ridge.

To s
Shen
apri

May 28, 1939. To Hagerell Gap and
High Point with T.

May 30, 1939. To Hagerell Gap and
area from High Knob to Landmark with T.

May 21, 1939. To Hagerell Gap and
area west of High Knob to Landmark, with T.

June 2, 1939. To Rattlesnake Mt.
Transier Co. (alt. 2100 ft) with Gurney.
Lost our bearings in fog and heavy rains
all the afternoon.

June 4, 1939. To Bull Run Mt., Va.,
crossing west slope, 5 miles south
of Aldie with D. Cook. Beautiful, cloudy
much of time. Found *Aquilegia*
canadensis with seed capsules on
catactin schist cliffs west of ridges; many
- fossil record for the area; one found.

Have never found *Lolium* nor *Holcus*
in the Bull Run area proper

June 22, 1939. To Sugar Knob region
Hardy Co., west Va., with A. B. Gurney

June 25, 1939. To Sugar Knob with
Mr. & Mrs. Bruno Klinger, - 5 miles
from Trout Run to Sugar Knob shelter.
a walk of 11 miles taken.

see *Sphenopholis filiformis* (Chapman)
Scribn.

Near D. Va.
From N.C. south) #6650.

Moss.
In damp soil covering Arlington Farm, Va.
in flower pots in coal house - 50-55° F. H.A. Allard.
January 31, 1939

6104 Mosses very abundant on
soils in flower pots in this
greenhouse.

6105 Moss
In flower pots with # 6104

6106 Moss.
In moist soil in pots
in same greenhouse with # 6104
surface soil beautifully green with mosses.

6107 Moss.
In flower pots on moist
soil same house with
6104. The most luxuriant & varied,
beautiful and abundant species.

6108 Moss
In flower pots same
house with # 6104

6109 Moss
In flower pots same
house with # 6104

6110 Moss
In moist soil in flower pots
in same house with # 6104.

To
Sh
ap

Rock Lichens (several)
From rocks
on High Point cliffs
and boulders below
on west slope.

Bull Run Mt., Va
Fauquier Co
Feb. 5, 1939
H.A. Allard,

6111 Rock lichens (several)
|| with # 6111 ditto

6112 Rock lichens (several)
|| with # 6111 ditto

6113 Rock lichens (several)
|| with # 6111 ditto

6114 Rock lichens (two)
|| One thicker, brown hardiment-like
size of dime or smaller. On damp, vertical
rock faces with # 6111 ditto

6115 Rock lichens
|| (one yellow)
On cedar etc in fields and woods
west slope below High Point just S. of Hagerell
Caf. ditto

6116 A moss competing with a
|| lichen (Parmelia) gray, and being
overgrown by the lichen. On a
rock below High Point, west slope.
= Hepatic Trullaria sagrayana Mont
6117a = Parmelia arulenta Tuck.

Cladonia (red apothecia)
On base of Andropogon
scleranthus stem etc
in old field near
|| Pinus pungens, forma globosa
west slope, below High Point.

Bull Run Mt., Va
Fauquier Co
Feb. 5, 1939
H.A. Allard.

6118 = C. cristatella f. vestita Tuck.
6118a = C. f. leucosticta (Del.) Tuck.
6119 Pinus rigida var. globosa
|| From tree in old field S. of
Hagerell Caf, above - see # 5688. etc.
see photos etc, ditto.

6120 Pinus echinata
|| The fine isolated pine in old
field S. of Hagerell Caf. - near # 6119.
Microscopic exam. of sections shows
it to be this also, i.e. bundles touching;
oil glands 4-5

6121 Moss
|| Polytichum
On bank - in pure colonies
in same place east of Pinus globosa
where woods of High Point slope begin
west slope below High Point. Large dead
cult. forms of cherry here ditto

6122 Moss 3 species
|| On decayed log in woods west
slope below High Point ditto

6123 Moss
|| On bark of one of big Cedar
trees just NW of ravine made by
spring break from below Rilly's
old cabin, S. of Hagerell Caf.
(where yellow violets grow) ditto

6124 Moss
|| On large red cedar tree
on bark 6-8 ft from ground
with # 6123 - or nearby trees
in same field. ditto

Moss.
On bark of very large old
red cedar tree in old field
just N. of raine where
6125 *Pileus* spring ~~hairs~~
blooms down (yellow violets here)
(Many old cedar trees here).

Bull Run Mt., Va
Feb. 5, 1939
Fauquier Co
H.A. Allard.

6126 Moss on bark of tree
in woods just below High Point, west of
ditto

6127 Moss ^{large} on flat rocks in
same woods near # 6126 ditto
(a. pure colony over much of rock.)
(Soil pure organic matter)

6128 Moss.
On bark of log below
High Point near # 6126 ditto

6129 Moss.
On tree trunk
near # 6126 ditto

6130 Moss.
On tree bark & rock near # 6126 ditto

6131 Mosses
On red soil of raine bank
west slope below High Point
with # 6121. Raine just on edge
of High Point woods S. of *Pinus strobus*
field.

Moss *Polytrichum*
On moist soil
6132 of raine bank with
6121. Pure colonies.
Bull Run Mt., Va
Feb. 5, 1939
Fauquier Co
H.A. Allard.

6133 Moss
On rock forming pure colony
in woods west slope below High Point.
Dark green, dense.
(Soil pure organic matter) ditto

6134 Moss
In pure colony on large
limestone boulders in woods
near # 6133, ditto
(Soil bank brown, pure, no grit
when cleaned)

6135 Moss.
On large rock, forming mats
on brownish pure organic soil.
No grit when cleaned.
Near # 6133 ditto

6136 Mosses
In pure, extensive colonies
on large boulders just S. of High Point,
west slope in woods. Two here
in competition - one like a
ditto

6137 *Polytrichum* - dark green.
Hepatic
On flat rocks on organic soil
at High Point, at foot of cliffs
west slope. Transverse extensive pure
colonies here ditto

6138 Moss - dark green.
On bark of big cedar tree
near # 6125 - same field. ditto

Mass.

On bark of old cedar
tree near # 6125.

Bull Run Mt., Va
February 5, 1939
Fauquier Co.,

- 6139 On north side - 6-8 ft. above ground - in large pine colonies. No lichens on these trees.

6140 Mass

- (1) On moist soil, bank of ravine below High Point, west slope just south of field where *Pinus rigida* *Globosa* occurs beginning of woodland.

6141 Mass

- (1) A pine colony on rocks in woods west slope below High Point: deep green. on organic soil.

6142 Mass.

- (1) an extensive pine colony (fern like) on rock near # 6141.

6143 Mass

- (1) On soil in woods west slope below High Point.

6144 Mass

- (1) Lichen (*Peltigera*) growing over moss on soil in woods west slope below High Point. Mass etc. =

6145 Fruticose lichen

- (1) Small - 1 in high. on vertical cliffs walls at High Point: only occasional in Bull Run area on highest points

Coll. Feb 12, 1939
Ditto

Parmelia - The yellow-green
on rocks - shades common everywhere
in trees and rocks -

Bull Run Mt., Va
Fauquier Co.
Feb. 12, 1939
H.A. Allard

6146

- covering entire rocks sometimes - and competing with the lead grass and makes large of similar form etc. on rocks in woods below High Point, west slope.

6147 *Parmelia*?

- (1) small about size 5 cent pieces. on north side of large living chestnut at foot of High Point cliffs west slope. Greenish green, circular areas heavily

6148

- (1) Bsp of several rocks lichen. Firm High Point cliffs and boulders in vicinity, on lower west slope.

6149

- (1) *Cladonia mitrula* f. *intricatula* (Vgl.) Wain. Red apothecia - some podetia very squamulose. Firm bare soil in forest barrens in old field south of *Pinus rigida* var. *globosa*

6150

- (1) Moss growing in pine colonies on low rocks heavily producing from soil in woods below High Point - fern-like strands spreading outward yellowish green.

6151

- Cladonia squamosa* (Scop.) Hoffm. on organic soil in rocks at High Point, west slope.

6152

- (1) all { Mass red Hepaticae, *Cladonia* - *C. chlorophaea* (Thaerke) Spreng. In organic soil at High Point cliffs, west slope

6152 A = *Truellania asagrayana* Morel.
6152 B = *C. coniocraea* f. *ceratodes* (Thaerke) Vain.

Lichen
on north side of huge
chestnut oak tree trunk
(limbing) at foot
High Point cliffs;
small, size of 5 cent piece or cent.
same as # 6147
Phyrcia adglutinata (Thoburn) Nyl.
Bull Run Mt., Va
Feb. 12, 1939
H.A. Allard
Fauquier Co.

6154 Cladonia (2) = C. verticillata f. evoluta (Th. Fr.) Steiner
|| one with red apothecia, podetia very squamulose, ditto
one C. verticillata, with apothecia on edges of
discs. ~~Large~~ crust lichen area

6155 Lichen = Cladonia = prof. C. chlorophaea (Thoburn) Steiner
|| on ~~deciduous~~ wood of
old tree trunk near slope
below High Point, ditto
small, thin, dark slate color.

6156 Cladonia C. bacillaris (Ach.) Nyl. (P)
|| white, pointed podetia
on vertical cliff faces at
High Point cliffs. Can scarcely be
scraped off so tightly does it grow to the
rock. ditto

6157 Moss
|| on dead log in woods, near slope
below High Point. ditto

6158 Moss
|| on bank near # 6157, woods. ditto

6159 Moss
|| On dead wood near # 6157 ditto

Moss
on north side of trunk of
huge chestnut oak February 12, 1939
at foot of High Point H.A. Allard.
|| cliffs, covered it with pine growth,
especially in the grooves and 8-10 ft up.

6161 Hepatic with
|| lichen
on rocks at High Point cliffs, ditto
near slope.
Trillium as a grayana Mont.

6162 Moss
|| On soil on rocks at High Point cliffs, ditto
near slope.
(a very fine mass) - fine leafage.

6163 Moss
|| On dead log, near slope in woods
below High Point ditto

6164 Moss
|| On dead wood, woods, near slope
below High Point cliffs. ditto

6165 Moss
|| On dead log near # 6164 ditto

6166 Moss
|| On dead log near # 6164 ditto

Mass

6167 On dead log in woods
below High Point Cliffs
west slope.

Bull Run Mt., Va
Feb. 12, 1939
H.G. Allard
Fauquier Co.

6168 Moss in pine colonies, extensive, ditto
on large fallen red oak tree, dead
at old house in forest zone at foot
of slope (west) below High Point Cliffs.

6169 *Cladonia*: *C. tenuis* (Therke) Harm.
(reindeer moss)

in patches on soil in thin open secondary
woods, E. of old mansion at foot
of west slope below High Point Cliffs.

6170 Moss

in Castellia's pasture at ditto
stone crumbe, west slope, Hagerell Gap.
abundant in this stage of pasture
(bright, shining yellow green.)

6171 Moss

on bank in woods, west slope ditto
below High Point Cliffs
very fine, bluish, yellowish green, raised.
on organic soil.

6172 Moss

on bark of dead log in woods, ditto
west slope, below High Point Cliffs

6173 Moss

on dead wood in woods ditto
below High Point, west slope.

Reddish liverwort Bull Run Mt., Va
+ moss, at High Point Feb. 12, 1939
Cliffs on rocks. H.G. Allard
Fauquier Co.

6174

liverwort on
cliffs and tree trunks.
Frullania sp. - grayana Mont.
6174a = *Jamesoniella autumnalis* (D.C.) Steph.

6175 Moss

on dead wood, west slope in ditto
woods, below High Point Cliffs.

6176 Moss

on dead wood near # 6175. ditto

6177 Moss

on organic soil on rocks near # 6175 ditto

6178 Moss

on dead log in woods near # 6175 ditto
(color hoarse yellowish)

6179 Moss

on dead wood near # 6175 ditto

6180 Moss

on soil (thin, organic) on rocks ditto
in woods below High Point Cliffs,
west slope.

Moss on trunk
north side, of large
chestnut oak tree
at High Point Cliffs,
VI with # 6160

Bull Run Mt., Va
Feb. 12, 1939
Fauquier Co.
H.A. Allard.

(Entire north side covered with these two)

6182 Moss
VI On bank in woods
below High Point Cliffs, west slope ditto

6183 Moss
VI On thin organic soil on
rocks in woods near # 6182 ditto

6184 Moss.
VI On bank, north side of same
chestnut oak tree with # 6160 & 6181
a fine colony here far up trunk. ditto

6185 Moss
VI On dead wood in woods west slope
below High Point Cliffs: color mossy. ditto

6186 Moss
VI On rock in pine stand,
near # 6185 ditto

6187 Moss
VI On rock in woods west slope
below High Point Cliffs. ditto
(fine colony on thin organic soil)
Convallaria officinalis (L.) Dune.

Moss
on bank in woods
below High Point Cliffs,
VI west slope.

Bull Run Mt., Va
Feb. 12, 1939
H.A. Allard
Fauquier Co.

6188 Moss.
VI On dead log in woods near ditto
VI # 6188

6190 Moss
VI On dead log near # 6189 ditto

6191 Moss
VI On rock on organic soil
in woods near # 6189. ditto
Lifts off a thin soil layer.

6192 Moss
VI A fine colony covering rock
just above soil in woods near # 6191 ditto

6193 Moss
VI On low rock in woods
near # 6191 - fine mat.
in very thin organic soil. ditto

(fern-like)
6194 Moss
VI On thin organic soil on rock
in woods near # 6191 ditto
(mat, fine)

Mosses
on rock on thin
organic soil in woods
6195 near slope, below High
Point Cliffs.
" C.H.
Bull Run Mt. Va
Tangier Co
Feb. 12, 1939
H.A. Allard

6196 *Cladonia piedmontensis* f. *squamulosa* Robbins.
(apothecia brown) same locality
" in old brown sedge field Date Feb. 18, 1939
near slope below High Point Cliffs
in thin woods near dense young pine
trees - moist and old brown sedge clump.
6196a = *C. subcariosa* f. *squamulosa* Robbins.

6197 *Cladonia subcariosa* f. *evoluta* Wain.
" with # 6196 (more branched than usual) ditto
6197a = *C. cristatella* Tuck. (apothecia discolored).

6198 *Cladonia piedmontensis* f. *squamulosa* Robbins.
" (with # 6196) ditto
6198a = *C. grayi* Mer. plus *C. piedmontensis* Mer. both present
in mixture.

6199 *Cladonia piedmontensis* f. *squamulosa* Robbins.
" (with # 6196) ditto
6199a = *C. subcariosa* f. *evoluta* Wain.

6200 *Cladonia verticillata* f. *evoluta* (H. & S.) Stein.
" at base of old brown sedge
clumps near # 6196 - on soil ditto

6201 *Cladonia cristatella* f. *beauvoisii* Del. Wain.
(apothecia red) plus f. *vestita* Tuck. (discolored
" with # 6196 apothecia) ditto

Cladonia = *squamulosa* Robbins. Bull Run Mt. Va
C. piedmontensis f. *squamulosa* Robbins. Feb. 18, 1939
" with # 6196 Tangier Co.
H.A. Allard
Feb. 19, 1939

6202

"

6203 *Cladonia* (cupae)
" *grayi* f. *simplex* Robbins. ditto
" with # 6196.

6204 *Cladonia* (red apothecia)
" *C. piedmontensis* Mer. in part, but not distinctive.
" on dead basal stalks of
dead brown sedge clumps in old
brown sedge field being captured by
pines etc. in successional stage.

6205 *Cladonia cristatella* f. *vestita* Tuck.
" (apothecia red, very squamulose) ditto
same field with # 6196

6206 *Rub. lichens*
" small
fungus rocks at old below High Point Cliffs, west slope. ditto

6207 Lichen
" on bark of living large
distinct oak tree, at base, at
foot of High Point Cliffs, west slope.
(grayish) ditto

6208 *Rub. of rock and bark*
" lichens from and below
High Point Cliffs, west slope
in woods. ditto

Rock Lichens from Bull Run Mt., Va.
rocks ~~at~~ on rocks Feb. 19, 1939
on slope ^{at top of} ~~stems~~ H.A. Allard
6209 High Point Cliffs. Tangmire Co.
|| nest slope below High Point Cliffs.

6210 Peltigera
|| On rocks nest slope in nest ditto
rocks, shallow ravine below
High Point Cliffs, where shrub cabbage grass:
competes w/ grass over mosses and is
in turn overgrown by them.

6211 Moss
|| On dead rocks above # 6210, ditto
in deciduous woods,
(orange colored)

6212 Moss on soil (banks) in woods ditto
|| near # 6211

6213 Hepatic (reddish brown color), moss ditto
|| Trullania ga-grayana
on damp rocks at foot of High Point
Cliffs in woods, competing with big, gray lichens
(abundant).

6214 Moss
|| Dark green, in huge colonies in ditto
extensive patches on large flat rock
in woods, nest slope, near High Point Cliffs.
Abundant; on black organic soil: easily lifted.

6215 Grimmia
|| On same rock with # 6214 - ditto
in more extensive colonies, easily lifted.
(dry looking)

Moss. Bull Run Mt., Va.
on soil in woods, nest slope Tangmire Co.,
below High Point Cliffs Feb. 19, 1939
H.A. Allard.
6216
||

6217 Mosses ditto
|| On damp soil in rocky, shallow ravine
with # 6210

6218 Mosses ditto
|| On damp soil near # 6217

6219 Mosses ditto
|| On damp rocks in ravine
with # 6217

6220 Moss ditto
|| On damp soil with # 6217
huge colonies.

6221 Moss ditto
|| On rocks with # 6217.
huge colonies.

6222 Mosses ditto
|| On rocks with # 6217: in
extensive colonies.

Moss
On rocks in damp rocky Bull Run Mt., Va
ravine below High Point Cliffs Feb. 19, 1939
near the Shunk Luggage H.A. Allard
6223 Pure colonies - Tanquer Co
|| Bright green.

6224 Moss

|| On soil in pine woods north of
6223; secondary growth 20-25 feet high.

ditto

6225 Cladonia (reindeer mosses)

|| In same pine woods with # 6224;
extensive patches here.

ditto

6226 Moss

|| On soil in woods, west
slope near # 6223

ditto

6227 Moss

|| On rock, in pure colonies
near # 6223 (same ravine)

ditto

6228 Moss

|| Yellowish green in large mats on
rocks near # 6223.
Thin organic soil beneath.

ditto

6229 Moss

|| Huge mats easily lifted from rocks
near # 6223.

Moss.

Large mats on rocks
in same ravine

6230

|| with # 6223.
Beautiful yellowish
green color; vivid.

Bull Run Mt., Va
Feb. 19, 1939
H.A. Allard
Tanquer Co.

Mosses

6231

|| One on dead log =
|| One on rock =
Near # 6230

ditto

6232 Moss

|| Col. colony of vigorous Peltigera
(lichen) growing over it: a struggle for
supremacy.
6232a = Anomodopus rostratus (Hedw.) Schimp.
plus " attenuatus (Hedw.) Hueben.

ditto

6233 Moss

|| (Bronze colored) on dead
wood near # 6230; covering large
patches.

ditto

6234 Hepatic.

|| Bright green; on rocks, foot of
High Point Cliffs: extensive patches.

ditto

6235 Moss.

|| Large mats pure on damp rocks
with # 6230: fern like, opened.
Yellowish green.

ditto

6236 Moss

|| On rock near # 6230 being
overgrown by Peltigera (lichen).
Both within organic soil.

ditto

Moss on rocks
in rocky, damp, ravine
west slope. below High Point
6237 Cliffs. where shrub catag.
H.A. Allard
Bull Run Mt., Va.
Feb. 19, 1939
Tangier Co.
H.A. Allard
large areas - vivid silvery, shining green.
moss.

6238 Moss
In large, loose mats on rocks
near # 6237: color dull yellowish
green: fern like. ditto

6239 Lichen
Dark slate, parchment-like, thin
on rocks near # 6237: with moss
(Lichen occasional) must be scraped off rock. ditto

6240 Moss
Extensive mats similar to # 6238
on rocks # 6238. ditto

6241 Moss
On low protruding rock in broad zone
where we ate lunch: Had to be scraped off with
knife, as adheres tightly to stones: off with
silvery green color ditto

6242 Lichen
Peltigera. on rocks with
6237 (nearby) ditto

6243 Peltigera
Overgrowing moss colony # 6238
and being vigorously overgrown by it
on rocks near # 6238. ditto
= Thuidium recognitum (Wedd.) Lindb.

Moss.
On rocks in extensive
mats near # 6237
6244
Bull Run Mt., Va.
Tangier Co.
Feb. 19, 1939
H.A. Allard
west slope below High
Point Cliffs.

6245 Moss
(fern like)
On rocks in ravine near # 6237 ditto

6246 Moss
On moist soil on bank
near # 6237 ditto

6247 Moss
On bark of living tree at
base, north side of woods
near # 6237. below High Point Cliffs. ditto

6248 Lichen
on dead bark of huge
tulip poplar tree near galled area
west slope. below High Point Cliffs: small
like small olive-green Parmelia. ditto
same date, Sept
date March 3, 1939

6249 Bot of rock lichens
From old field near galled (bare) area,
west slope below High Point Cliffs.
on rocks piled up in Sassafras thicket, ditto

6250 In same place near # 6249
(bare lichens) ditto

Rock lichens
west slope below
High Point Cliffs
6251 in Sassafras thicket.
Bull Run Mt., Va
March 5, 1939
H.A. Allard
Fauquier Co.,
west slope
below High Point.

6252 *Cladonia verticillata* f. *evoluta* (Th. Fr.) Stein.
In old field near bare areas
|| west slope, below High Point Cliffs.
between iron-ore dumps; which are
thinly spaced here - along extensive gravel
cladonias.

6253 *Cladonia (atrichia) brownii*
|| with # 6252 ditto
- *C. subcariosa* f. *squamulosa* Robbins
6253a = *C. mitrula* f. *imbricatula* (Nyl.) Wain.

6254 *Cladonia (atrichia) brownii*
|| with # 6252 ditto
- *C. subcariosa* f. *evoluta* Wain.

6255 *Cladonia (atrichia) brownii*
|| with # 6252 ditto
C. verticillata f. *evoluta* (Th. Fr.) Stein.
+ f. *phyllocephala* (Th. Fr.) Olin. + *C. subcariosa*
squamulosa Robbins.

6256 *Cladonia verticillata* f. *evoluta*
|| with # 6252 ditto

6257 *Cladonia (atrichia) brownii*
|| (with # 6252) ditto

6255a. *Cladonia subcariosa* f. *evoluta* Wain.
6255b. " " "
6256 = " *verticillata* f. *evoluta* (Th. Fr.) Stein.
6256a = " *subcariosa* f. *squamulosa* Robbins in hay
6257 = " "
6258 = " "
6258a = " "
6260a = *C. cristatella* f. *beauvoisii* (Del.) Wain.
6261 = " "
6261a = " *grayi* f. *simplex* Robbins
Inayani
acid = +
p = -

Rock l. l.
near

6251

|| in

6252

|| in

bet

thin

cl

6253

||

C.

6253a =

6254

||

C.

6255

||

C.

+ J. W.

6256

||

6257

|| in

Eladonia
(L. foetida (mm))

6258

||

with # 6252

Bull Run mt., Va
March 5, 1939
H. G. Allard
Fauquier Co.,

6259

||

with # 6252

Cladonia verticillata forma esoluta (th. Fr. Stein.) ditto

6260

||

with # 6252

Cladonia grayi f. simple Robb. ditto
(cups) ♂ laccase acid + P₂-

6261

||

with # 6252

Cladonia ditto

6262

||

with # 6252

Cladonia piedmontensis Mer. ditto
notaf.

6263

||

with # 6252

and f. esoluta var.

Cladonia subcanosa f. squamulosa Robbins ditto

6264

||

with # 6252

Cladonia grayi f. simple Robbins ditto
♂ laccase acid = +
P₂-

Moss on low stones
in woods, wet slope below
High Point: yellowish green
long, slender fronds closely
adhering to stones.
6265
" "

Bull Run Mt., Va
March 5, 1939
Fauquier Co
wet slope, woods
below High Point Cliffs
H.A. Allard

6266 Moss (golden yellow)
in old pine. one of fruit
" " mosses to come in beneath reeds etc ditto

6267 Dark bluish green moss on
rocks etc - closely adhering.
" " near # 6265 ditto

6268 Moss
" " on thin organic soil on rocks in woods
in low wet rocky ravine below High Point
Cliffs, wet slope, where red bud etc grow. ditto

6269 Moss
" " on rock near # 6268 ditto

6270 Moss
" " on rock - very loose - (flat)
in woods near # 6268 ditto

6271 Moss
" " on soil on moist bank
near # 6268 ditto
Golden bronze color; beautiful.

Moss
On thin organic soil
on rock in wet
ravine wet slope
below High Point Cliffs
where red buds grow.
6272
" "

Bull Run Mt., Va
Fauquier Co
March 5, 1939
H.A. Allard.

6273 on rock
" " with # 6272 ditto
within organic soil.

6274 Mosses
" " on rocks near # 6273 ditto
Peltigera competing
with both - overgrown and being
overgrown

6275 Moss on thin soil
" " on rock (loose) ditto
Near # 6273

6276 Hepatic.
" " Large patches on rocks near
foot of High Point Cliffs, wet slope ditto
Abundant - dull green,

6277 Lichen
" " Very thin, slate-colored
handment-like on rocks ditto
near # 6276.
Very abundant; local

6278 Hepatic
" " Mosses ditto
on huge dead, fallen Tulip Poplar
trunks just north of barren area wet
slope below High Point Cliffs.

mosses
Hepatic
On bark of huge dead
6279 Tulip poplar (same
one with # 6278.)
Bull Run Mt., Va
Fauquier Co
March 5, 1939
H.A. Allard

6280 Cladonia
(reindeer moss)
From interspaces on semi-bare
leaves in browned field just N. of
bare barrens: large clumps, abundant.
ditto

6281 Moss
Grows on rocks in damp ravine
where red-bud grows, fern-like, yellowish
ditto

6282 Moss
with # 6281
similar or same sp.
ditto

6283 Moss (rosette-like; large, bright green)
on rocks in large areas (mats easily
lifted from rocks) with # 6281
ditto

6284 Moss
On bark at base of dogwood (blowing
tree, north side, in woods
just above (east) of ravine where # 6281 grows)
ditto

6285 Moss
(thin, delicate
(Cuthareina?)
on moist soil near # 6281
ditto

Moss
on rocks as mats
in ravine with # 6281
6286 (shining golden-
green) very beautiful
Bull Run Mt., Va
March 5, 1939
Fauquier Co
H.A. Allard.

6287 Moss
Brilliant golden green
on rocks in same ravine with # 6281
ditto

6288 Moss
On rock in damp ravine near # 6281
ditto

6289 Moss
On rock near # 6281
(Large mats easily lifted from the
thin soil; shining golden bronze color
(very beautiful)
ditto

6290 Moss
On rock in moist ravine
(Same or similar sp. to # 6281;
fern like, appressed, dull yellowish green)
ditto

6291 Moss
(Light yellowish green)
on moist soil on banks in woods
near # 6281 (shining in afternoon)
ditto

6292 Moss
several
on moist soil in damp ravine
near # 6281
ditto

Moss
several
On rocks below High Point
6293 cliffs, west slope, in
woods,
Bull Run Mt., Va
Fauquier Co
March 5, 1939
H.A. Allard.

6294 Moss
on bark of dead stump in
woods near # 6293 ditto

6295 Moss
fern-like = # 6281; very green
with Peltigera ditto
In ravine below High Point cliffs,
west slope above red bud gums.

6296 Moss
same as # 6281; on rocks ditto
in same ravine

6297 Mosses
(several inter growing)
on rocks in damp ravine with # 6281. ditto

6298 Moss
on soil on bank of brook
in ravine near # 6281 ditto

6299 Moss
on bark of old stump
in woods below High Point Cliffs ditto

Moss
Polytrichum
On flat rocks in
6300 more patches on thin
soil, (green), slightly
lifted off; dark green.
Bull Run Mt., Va
Fauquier Co
March 5, 1939
H.A. Allard.
west slope below High
Point Cliffs.

6301 Mosses (several)
on large flat rocks in woods ditto
just below High Point Cliffs.

6302 Bog Rock lichens
from rocks at and below ditto
High Point Cliffs (west slope) Date March 19, 1939.

6303 Bog rock lichens
at same place with # 6302 ditto
3-19-39

6304 Bog rock lichens
with # 6303 ditto
3-19-39

6305 Lichen (white) on dead bark
on old limb on High Point Cliffs. ditto
3-19-39

6306 Moss
around base of tree west slope
below High Point Cliffs. ditto
Pure colonies entirely around tree. 3-19-39

6307 north of
west slope ~~below~~ High Point cliffs
in shallow ~~rocky~~ ~~area~~
Castello's old meadow
field where stone crusher stood.
common among grass and weeds here.

Bull Run Mt., VA
Fauquier Co.
March 19, 1939
H.A. Allend.

6308 Mosses (several)
on logs, rocks etc. west slope
below High Point cliffs in woods. ditto

6309 Mosses (several)
near # 6308 - on banks, logs, soil, rocks etc. ditto

6310 Hepatic
on banks of Hickory tree
from ground up 6-7 ft. near
6308. ditto

6311 Mosses
on banks of tree near # 6308. ditto

6312 Moss
on litter on banks in woods
near # 6308. ditto

6313 Moss
on banks of tree in woods
near # 6308. ditto

6314 Moss
in shallow rocky dam
ravine below High Point cliffs
west slope.

Bull Run Mt., Va
Fauquier Co.,
H.A. Allend
March 19, 1939

6315 Moss
on rock in woods near # 6314. ditto
on thin black soil: easily lifted off.

6316 Moss
on soil on bank near 6314. ditto

6317 Mosses
old abandoned meadow field
(Castello's) where stone crusher was. ditto

6318 Moss.
Near # 6317 (old field! sparse) among
grass & weeds. ditto

6319 Moss
on rock in woods near # 6314 ditto

6320 Moss
on bank and debris in
woods near # 6314 ditto

Moss in old field (Castell's) Bull Run Mt., Va.
where stone crusher stood. Fannin Co.
6321 abundant in weeds of March 19, 1939
" this abandoned field. H.A. Allard.

6322 Moss
" In old field beyond Riley Cabin. ditto
among weeds & grass.

6323 Moss
" On soil in woods in shallow ravine ditto
below High Point Cliffs, west slope.

6324 Moss
" On soil in woods near # 6323 ditto

6325 Polytrichum
" On thin soil on flat rocks, here ditto
in woods, west slope near High Point Cliffs

6326 Moss
" On moist banks in shallow ditto
ravine, west slope below High Point Cliffs.

6327 Moss
" On moist bank in woods near # 6326. ditto

Moss Bull Run Mt., Va.
On rocks in ravine near Fannin Co.
6328 # 6326: moss March 19, 1939
" extensive areas on thin H.A. Allard
soil; fern-like - yellowish green

6329 Moss
" at base of tree trunk ditto
in woods near # 6323

6330 Moss
" On rocks in woods near ditto
6323

6331 Moss
" On rock in woods near ditto
6323

6332 Moss
" On rock in ravine near ditto
6323

6333 Moss
" On rock in woods ditto
near # 6323

6334 Moss
" In Allard's back yard on ditto
" soil; very abundant (Lyon Park, Clarendon, Va. [Larlingtn])

Top of rock lichens.

Bull Run Mt., Va

Fauquier Co

west slope, 5 miles

south of Aldie on

limestone dipping

about 50° E.

March 26, 1939

H. A. Allard

6335

(1) Rock outcrop face
only moist high and
much lichen - on north
slope of knob.

6336

Top of rock lichens.

(1) with # 6335

ditto

6337 Top of ^{limb} species of lichens from

(1) base of chestnut oak tree near # 6335
6337 *Leucoglyphia clypeata* Evans.

ditto

6338 Mosses

(1) on soil on bank in woods near
where we parked
dry, cut over land largely.

ditto

6339 *Polytrichum* (in fruit)

(1) Near # 6338 on soil on bank

ditto

6340 Mosses

(1) on soil in woods near # 6338

ditto

6341 Moss

(1) on soil in woods near # 6338, ditto

Moss
fern-like (yellowish)

Bull Run Mt., Va

March 26, 1939

Fauquier Co.

west slope 5 mi.

6342

(1) on bark, in woods west slope 5 mi.
north side below (south of) Aldie
in damp habitat.

6343

Moss
(1) on bark at base of living dogwood
tree. A common habitat for this
moss at base of dogwood trees.

ditto

6344

Moss
(1) on bark of old chestnut oak
log in woods on slope near where
we parked, near # 6338

ditto

6345

Moss
(1) on soil in woods
near # 6338

ditto

6346

Hepatic?
(1) Moss
on dry soil in woods near # 6338

ditto

6347

Moss
(1) on bark of dead ^{fallen} chestnut oak tree
near # 6344.

ditto

6348

Mosses (several)
(1) on soil in woods near # 6338

ditto

Moss
on soil in dry
deciduous
6349 woods near
" # 6338

Bull Run Mt., Va
Fauquier Co
March 26, 1939
H.A. Allard
5 miles south of Aldie
red slope.

6350 Moss
Polytrichum
" on soil near # 6338.

ditto

6351 Hepatic
" Smallania
a red brown, abundant liverwort on
low rock ledges (Cambrian) near old
picnic grounds on north slope of
stony knob.

ditto

6352 Sphagnum
" (very pale) on damp banks in
low, rocky ravine near # 6351;
abundant here

ditto

6353 Polytrichum
" (moss)
on bank beside road in woods
on far west slope (near big tree at junction)

ditto

6354 Moss
" on dry soil in woods near # 6338

ditto

6355 Moss
" on dry sandy soil on slope in open
dry deciduous woods.

ditto

Moss + gray lichen (thin)
competing.
on bark at base of
6356 large living
chestnut oak tree
" on road rising
west through woods.
covered trunk about 10 inches up; usually
common on such situations in trees.

Bull Run Mt., Va
Fauquier Co
March 26, 1939
H.A. Allard
red slope 5 miles
south of Aldie.

6357 Moss
" on damp soil in low woods
near # 6356.

ditto

6358 Moss
" on bark of living dogwood tree
at ground, usually on north side or
forming a collar around tree; this the
usual species on the dogwood here.

ditto

6359 Moss (two)
" damp
on soil in woods west slope.

ditto

6360 Moss
" on soil in woods near # 6359

ditto

6361 Moss
" on damp soil in low woods

ditto

6362 Moss
" on bark of dead
fallen chestnut oak tree
(same as # 6344).

ditto

Moss
golden
mossy green - fern-like, Bull Run Mt., Va
Fauquier Co
March 26, 1939
H. G. Allard
6363 On damp soil on
banks in rocky ravine.
" over large areas pure on west slope in
woods south of Aldie
5 miles.

6364 Moss
" On damp soil in low ravine
in woods near # 6363 ditto
over large areas pure; dull yellow-green.
fern-like; common.

6365 Moss
" On soil in low damp ravine ditto
near # 6363

6366 Moss
" a peculiar, fleshy, fern-like, flat- ditto
growing, sheaves with sphagnum in
low, wet ravine on wet soil; not common

6367 Moss
" On damp soil of bank in ditto
ravine in woods near # 6366.

6368 Moss
" Polytichum ditto
on soil on bank in
low woods near # 6366.

6369 Moss
" On wet soil in shallow ditto
wet ravine near # 6366.

Moss
On damp soil
in low ravine near Bull Run Mt., Va
Fauquier Co
March 26, 1939
H. G. Allard
6370 # 6366
" 5 miles south of Aldie

6371 Polytichum (moss) ditto
" On bank in low woods, ditto

6372 Moss
Same as # 6366 ditto
" a felted moss, grayish green.

6373 Moss
" On banks in woods: ditto
golden same as # 6363?
brassy colored.

6374 Moss
" Same as # 6366 and # 6372 ditto

6375 Rock lichens -
" On rock in ravine west of Aldie
slope below High Point. Bull Run Mt., Va, April 2
Fauquier Co, 1939
H. G. Allard
South of Hotwell Gap!

6376 Rock lichens
" At and below High Point cliffs ditto
west slope in woods.

Bark lichens
from rocks on High Point
cliffs and below, on
6377 west slope,
11)

Bull Run Mt., Va
Fauquier Co
April 2, 1939
H. A. Allard.

6378 Moss
on soil in secondary growth of
11 Sassafras etc in Castello's knowledge field. ditto

6379 Moss
11 with # 6378 same habitat.
on soil ditto

6380 Moss
on soil
11 in same habitat with # 6379 ditto

6381 Moss
11 on soil same habitat with # 6379 ditto

6382 Moss
11 on soil in Riley's brook ravine
at water's edge. (a brilliant light green). Above yellow-violet
green. below big knowledge field. ditto

6383 Moss
11 on soil on bank in same ravine
with # 6382 ditto

11 moss
on rock with # 6382.
6384
11

Bull Run Mt., Va
Fauquier Co
April 2, 1939
H. A. Allard
west slope S. of
Hofersell Gap trail
below High Point cliffs

6385 On rock Moss
in same ravine with # 6382. ditto
11 fern-like appressed fronds, bright green
brown colonies.

6386 Moss
11 On rock - west slope in ravine
below High Point cliffs. ditto

6387 Mosses
11 on bank of brook & rock where
huge old black walnut tree stood just
west of Hofersell - Broad Run Station highway. ditto

6388 Moss
11 On rock in ravine with
brook near # 6387. ditto

6389 Moss.
11 Huge mat in pure colony
golden bronze color in rocky shallow
ravine below High Point. Very beautiful
dense, frond-like (fern-like) ditto

6390 Moss
11 Front of tree on bank near High Point
cliffs in rocky woods here ditto
10 feet on sassafras bark at foot see # 6358

Mass
(golden bronze)
covering much of
decayed fallen
log near High
Point cliffs

Bull Run Mt., VA
Fauquier Co
April 2, 1939.
In woods below High
Point cliffs, north slope

6392 Mass
on bank
of brook beside Hagerall to Broad Run
highway near Hawk hunting grove.

ditto

6393 Mass
on soil on rocks on bank
near # 6392

ditto

6394 Mass
on bank of brook near # 6392
on soil.

ditto

6395 Mass
on soil on bank of brook near # 6392

ditto

6396 Mass
on soil on bank of brook near # 6392

ditto

6397 Mass
on soil bank of brook near # 6392

ditto

Mass
On soil in secondary growth sassafras
etc in browse edge pasture (Castellum)
6398
nest slope below
High Point cliffs.

6399 Mass
On soil in same habitat
with # 6398

ditto

6400 Mass
on brook bank with # 6392

ditto

6401 Hepatica
on bank at base of tree
at edge of Riley's cabin
brook here. yellow violet like
Bull Run Mt., VA
Fauquier Co
April 9, 1939
H. Allard
nest slope below
High Point cliffs
south of Hagerall Rd.

6402 Mass
on bank of same brook near # 6401.

ditto

6403 ~~Mass~~
Oxalis virginica L
in woods nest slope just below
High Point cliffs. Tall flower;
abundant. (see H. determination)

ditto

6404 ~~Mass~~
Apleticum hyemale (Muhl.) Torr.
in same woods near # 6403.
Cold seed stalks, now with green
appearing dry, withered single leaf (blasted)

ditto

H. sp.
on bark of living
dogwood tree 6-7 ft above
ground in woods below
6405 High Point Cliffs
✓✓

Bull Run Mt., Va
Fauquier Co
April 9, 1939
H.A. Allard
near slope below
High Point Cliffs.

Moss
in same ravine on
soil & rocks in brook
6412 bed with 6406
✓✓ fine clear, light green.
Bull Run Mt., Va
Fauquier Co
April 9, 1939
H.A. Allard
near slope below
High Point Cliffs.

6406 Moss
✓✓ on bark of old log in Riley's brook
ravine, south of Hotwell Gap. ditto

6413 Moss
✓✓ with 6406 fine, beautiful
clear light green. ditto

6407 Moss
✓✓ on bark of living oak tree at base
(same as #635/8). Near #6405 ditto

6414 Moss
✓✓ with #6406 on soil ditto

6408 Moss
✓✓ (fern like: low
on rock near #6405 ditto

6415 Moss
✓✓ On old stump in ravine
near #6406. ditto

6409 Moss
✓✓ On bank in Riley's brook ravine
near #6406. ditto

6416 Moss
✓✓ On soil in ravine on brook bank
near #6406. ditto

6410 Moss
✓✓ Polytroidium 2
on bank near #6406 ditto

6417 Moss
✓✓ On soil on bank near #6406. ditto

6411 Moss
✓✓ with #6406. ditto

6418 Moss
✓✓ On soil near #6406. od.
in soil on rocks in brook above water. ditto

Moss. On soil in Rileys Brook ravine
6419 these yellow violet moss. Bull Run Mt., Va
Tangier Co
April 9, 1939
south of Hagerell Gap,
west slope, below High
Point Cliffs.

6420 Moss
" On soil on rocks in ravine with ditto
6419: a beautiful golden bronze.
in large, extensive mats on soil on rocks
on brook bed after overflood.

6421 Moss
" With # 6420 ditto

6422 Moss
" same as # 6420,
Growing with it in same locality ditto

6423 Moss
" Same as # 6420, 6421, 6422.
(same locality) ditto

6424 Hepatic
" On rock foot of High Point Cliffs. ditto
Extensive patches on damp, shaded rocks,
here.

6425 Rock lichens
" On rocks top of cliffs. ditto
south end near Mt. Jackson.
Short Mt., Va
Massanutten Range
Shenandoah Co
H.A. Allard
April 16, 1939

" Rock and bark lichens Short Mt. Massanutten Range
From top of mountain near Mt. Jackson,
South end. Shenandoah Co
April 16, 1939
H.A. Allard.

6426
" ditto

6427 Rock & bark lichens
" with # 6426 ditto

6428 Cladonia coniocraea f. ceratodes (Ploosch) Wain.
" Rocks at top near 6426. ditto

6429 Cladonia clavulifera Wain (form indefinita)
" Near 6426. ditto

6430 Cladonia clavulifera Wain (form indefinita)
" Near # 6426 ditto

6431 Cladonia furcata var. racemosa f. squamulifera Sandst.
" Near # 6426 ditto

6432 Cladonia furcata var. racemosa,
" f. squamulosa Sandst. ditto
Near # 6426

Moss on cliffs at top.

Short Mountain, Va.
Massanutten Range,
April 16, 1939
H.G. Allard.
South end near
Mt. Jackson
Shenandoah Co.

6433

(1)

6434

Moss

on cliffs at top.

(1)

ditto

6435

Lichen

Umbilicaria pustulata ?
on cliffs at top.

(2)

ditto

6436

Lichen

Gyrophora vellea ?

(3)

~~ident. by~~ sterile

ditto

6437

Cetraria islandica (L.) Ach.

on shales covered with moss.

(1)

Prunella prunellifolia, scattered at base
west of big 2-2 are colony. In the
damp rainy weather very erect and
beautiful, pink, greenish.

ditto

6438

Fruticosa lichen

On rocks at upper cliffs.

(2)

Rather small
abundant here at south end.

ditto

6439

Moss

Pure bright green beneath
shelf at top of cliffs

(1)

ditto

Moss

on rocks at top of cliffs.

Short Mt., Va.
Massanutten Range,
Near Mt. Jackson,
Shenandoah Co.
April 16, 1939
H.G. Allard.

6440

(1)

6441

Lichen (*Parmelia*) ?

(2)

on rocks at top.
(Beautiful silver gray.)

ditto

6442

Moss

Beautiful golden bronze in spring
large mats on rocks above, on top of cliffs.

(3)

ditto

6443

Composite of moss, lichen, Hepaticae.
On rocks at top.

(4)

ditto

6444

Moss

on rocks on top: very large

(5)

area

ditto

6445

Cladonia.

Large pure colony of "reindeer moss"
from road side bank in woods
near foot of Short Mt.

(6)

ditto

6446

Cladonia (reindeer moss)

(7)

on rocks at top

ditto

Cladonia (reindeer moss) short Mt. Massanutten Range
On rocks at top south end, near 194. 1/4
6447 Jackson, April 16, 1939
H.A. Allard
Shenandoah Co

6448 Cladonia (reindeer moss)
On rocks at top.

ditto

6449 Moss:
small, dark green: in fruit.
On rocks at top in dense, small
colonies.

ditto

6450 Moss
Light, pure green.
at cliffs in seams of rocks
dripping or moist, protected.

ditto

6451 Peltigera
Lichen overgrowing mosses
growing with # 6445.

ditto

6452 Moss (fruiting)
On rocks at top.

ditto

6453 Moss
On rocks on top.

ditto

Moss short Mt. Massanutten Range
On rocks on top Shenandoah Co.
6454 (large patches pure) Near Mt. Jackson.
April 16, 1939
H.A. Allard
(south end)

6455 Moss
On rocks on top covering
large areas pure: fruiting
capsule well down in moss, prostrate.
Easily removed as loose on thin humus.

ditto

6456 Moss
On rocks on top: deep dark green.
appearing resembling a Polytrichum.

ditto

6457 Hepatic
Dark green in pure, extensive
mats on damp rocks on top, or even
overhanging dripping ledges.

ditto

6458 Moss
In dense mats on rocks on top,
pure, yellowish green, fern-like.

ditto

6459 Moss
On rocks on top: dark green,
fruiting.

ditto

6460 Moss
On rocks on ledges on top;
fruiting

ditto

Mass
vibrant, bright green
on damp ledges
6461 at cliffs on top. Shenandoah Co. Va.
v/1
South end of Short Mountain, Va.
Massanutten range,
east of Mt. Jackson, Va.
April 16, 1939
H.A. Allard

6462 Mass
vibrant, brilliant green; on
cliffs at top ditto

6463 Cladonia
v/1 "Reindeer moss" on rocks at top. ditto

6464 Cladonia
v/1 "Reindeer moss": near # 6463 ditto

6465 Cladonia
v/1 (reindeer)
Competing with mosses (Polytrichum etc.)
where are these mosses?
(By roadside on banks in woods at foot of mt.) ditto

6466 Peltigera
v/1 Competing with moss.
What is the moss?
Growing with # 6445 & 6451. ditto

6467 Asplenium montanum Willd.
v/1 In crevices of vertical cliffs
at top of mountain. ditto

Mass
On rocks, above cliffs at top at 2700 ft. Short Mt., Va.
6468 A beautiful golden bronze
species in fruit, covering
large areas here, on rocks. Shenandoah range,
H.A. Allard Co. Va.
April 16, 1939.

6469 *Tunga canadensis*
v/1 On creek bank, just west of Coffetta on
at Stony Creek, Little Stony Creek.
near of Mr. Coffetta. April 23, 1939
habitat: abundant. H.A. Allard.

6470 Moss
v/1 (13) On rimlet on rocks of slope. ditto

6471 Moss
v/1 (*Thuidium*)
On rocks on steep slope near
crest of ridge. ditto

6472 Moss
v/1 On dry soil top of ridge near
Big Schloss. ditto

6473 Moss
v/1 On rocks at Big Schloss. ditto

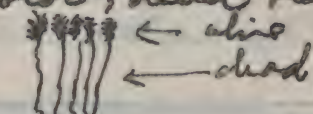
6474 *Arabis laevigata* (Muhl.) Poir
v/1 On crest of ridge near Big Schloss. ditto
Scattered; just in flower.

Salaginella rupestris L. End slope of Devils Hole Mt,
Shenandoah Co. Va.
on red sandstone, near of Coffelt's and Little
6475 Soil at crest of ridge April 23, 1939
just N. of ridge H.A. Allard.
Devils Hole Mt.

6476 Moss
on damp rocks above spring ditto
over flood near crest of ridge.
just west of Coffelt's.

6477 Moss.
In water above spring flows ditto
over rocks near # 6476.

6478 Moss
Long, stringy. ditto
On rocks under water where
spring flows over slope; near # 6476.

6479 Moss
On muddy soil on rock where ditto
spring flows down slope.
a brilliant green color, dead below
but living at tips.  ← alive
← dead,

6480 *Salix humilis* Marsh Bull Run Mt., Va.
(3) In fine woods edge Shenandoah Co. Va.
pasture beyond (or) River April 30, 1939
old cabin H.A. Allard
abundant; leaves glaucous
beneath. west slope below
High Point.

6481 *Viburnum pumiliifolium* L. ditto
(3) In field (pasture) near Pines
nigida globosa group.
abundant, very showy, in full bloom here.

Carex artiteuta Mark. Bull Run Mt., Va.
In heavy woods April 30, 1939
below High Point (H.A. Allard)
scattered. Shenandoah Co.
west slope.
H.A. Allard
Ident. by F.J. Hermann

6482 ditto
on High Point Cliffs: full
bloom here: hard blowing below mouth.
abundant on Bull Run ridges.

6484 Three Top Mountain, Va.
Massachusetts Range,
Shenandoah Co.
May 7, 1939.
H.A. Allard.
at rock slides near
slope near Smith Park
of Shenandoah N.P.
of Woodstock on Pulley Run

6485 *Erodium cicutarium* (L.) L'Her. ditto
In steep pastures at Quaker Grove
south of Woodstock, Va.
owing to flat wetter places distinctive and completely
occupies the ground where tall herbage is eaten.

6486 *Carex artiteuta* Mark. old
(3) In old field growing up, near Cabins ditto
near River; abundant.
Ident. by F.J. Hermann.

6487 Gramineae ditto
(2) wooded slopes near River, near
6486: scattered; not abundant.

6488 Moss ditto
(1) on bank high up on shale
slope heavily wooded, shaded.

Truticose lichen
on rocks on rock slide
high up slope.
6489 1/2 abundant
locally here.
Three Top Mountain, west slope,
Massachusetts Range,
Shenandoah Co., west slope
near So. Fork of Shenandoah
near Woodstock, Va.
May 7, 1939
H. G. Allard on English Run

Lichen (brown)
(strong fishy smell)
High up slope
6496 on rocks in
woods.

Three Top Mt. west slope,
Massachusetts Range,
Shenandoah Co., Va.
May 7, 1939
west slope near So.
Fork of Shenandoah
N. W. of Edinburg.
on English Run

6490 *Azalea nudiflora*
13) In woods far up slope near
rock slide - near # 6489.
abundant: full flower.

6497 Mass
Bright, shining green.
In wet spot with # 6494.

6491 *Lonicera dioica* L.
17) on rocky slope just off rock slides
near top of slope. Just in bloom -
few blossoms.

6498 Mass
In same spring brook with # 6494.
a large, dark green mass - pine-like.

6492 *Arctis laevigata* (Muhl.) Poir.
11) On wooded slope everywhere and
near river: abundant.

6499 *Viola sororia* Willd.
18) Rich woods west slope near
River & old cabins, near # 6486.
abundant. Leaves beneath, stems (petioles)
hairy.

6493 *Carex communis* Bailey
12) Basal sheaths deep reddish.
In woods near River in rich soil:
abundant. Ident. by T. J. Hermann

6500 *Carex blanda* Tenney
14) Rich woods near # 6499: abundant.
Ident. by T. J. Hermann.

6494 Mass
11) In wet springy spot near river.
near old cabins.

6501 *Viola scabrinervula* Schneid.
12) Near # 6499, in damp, rich woods.
(capsules densely woolly)
(fl. yellow: purple-veined); abundant locally.

6495 *Cladonia* (L.)
11) Like a "reindeer moss".
On rocky shelves at top of ridges
on rock slides.

6502 Mass
07 with # 6494.

6495 a. On black shales near Shenandoah
River Joe & Nell.

17 as
growing in spring-fed
brook near old cabins
near River.
6503
(11)

Three Top Mt. Va
Massanutten Range,
Shenandoah Co.
west slope N. E. of road to top
Va. May 7, 1939. H. A. Allard.

6504 ^{Mass}
brilliant shimmering light green:
very beautiful. Growing near # 6503 ditto

6505 Jeffersonia diphylla (L.) Pers.
(15) In rich woods near old cabins: only
one spot: local. ditto

6506 Gramineae
(2) on wooded slopes: in scattered clumps: ditto
shattering.

6507 Carex platyphylla Carey
(6) Broad glaucous leaves: in rich damp
woods on shale to River: very abundant.
Ident by F. J. Hermann. ditto

6508 Rock Lichens
(1) on rocks of rock slide ditto
climbed on this trip.

6509 Bromus
(4) At lower end of
Riverton Bridge,
Warren Co., Va. Very
abundant.
~~Shenandoah Valley of Va~~
~~Hardy Co., West Va.~~
May 10, 1939
H. A. Allard
on ridge west of
Big Schloss Ridge.

Lithaeferrum arvense ~~Shenandoah~~
on roadside ~~Hardy Co., West Va~~
Two miles west of
Edinburgh: common H. A. Allard
May 10, 1939
on west ridge west of
Big Schloss Ridge
directly across valley from
Big Schloss.

6510
(2) Salvia verbenaca L
Growing with # 6510
a large colony here: my first record.
bl. blue: in full bloom. ditto

6512 Erodium cicutarium (L.) L. Her.
(2) Growing near # 6510: large
1 ft - 18 in tall with spread of 1 foot or
more: abundant: full bloom. ditto

6513 Sisyrinchium mucronatum
(13) On shale soil near Posell's Port Valley. ditto
by roadside: full bloom, very
showy, blue in clumps.

6514 Pentstemon hispidus (L.) Willd.
(15) on shale banks by roadside
near Strasburg, Va west of Shenandoah
River: abundant: full bloom. ditto

6515 Anemone
(7) Low bush - 2 ft
out of dry rocky
ridges at old Ford cabin
full bloom, showy.
Hardy Co., West Va
on ridge west of Big
Schloss ridge.
May 10, 1939
H. A. Allard ditto

6516 Anemone trifolia
(2) Growing high on west slope
near # 6515 - under bear oak
etc: full bloom: occasional. ditto

Hepatic
Moss

6517 On crevices of high ledges here, Hardy Co., West Va. On ridge directly across valley west from Big Schloss Ridge & Big Schloss May 10, 1939 H.A. Allard.
= *Diplophyllum foliosum* (Hedw.) Mohr. H.A. Allard.
plus *Diplophyllum apiculatum* (Evans) Steph.
6517A: " " " "

6518 Mosses, crevices of ledges near top near # 6517 ditto
= *Pohlia nutans* (Hedw.) Lindb.
6518A: *Gymnostomum recurvirostrum* Hedw.

6519 *Asplenium montanum* Willd. ditto
" On crevices of ledge face near # 6517.

6520 *Viola canadensis* L. (white fl.) ditto
" (2) May 10, 1939 Shenandoah Valley, Shenandoah Co. Va. On banks of Little Stony Creek west of Edinburg, Va. near Three Mills Mt. Va.

6521 *Equisetum arvense* L. ditto
" On banks of Little Stony Creek near # 6520, the bridge is near Thruja occidentalis.

6522 *Amelanchier* ditto
" (3) at ledges at top, near Hardy Co., West Va. On ridge just west of Big Schloss from Big Schloss ridge, May 10, 1939 H.A. Allard.

6523 *Crataegus* ditto
" (3) High up near cliffs at top in woods; anthers pinkish.

Lichen -
Parmelia ?

6524 Silver gray. On rock in woods on slope ascending to top of ridge. ditto

6525 *Malus angustifolia* ditto
" (4) In woods near cliffs; very showy pink flowers, fragrant. Scattered in woods here.

6526 *Sis verna* L. ditto
" On top of ridge, at ledges, amongst rocks, very abundant, full bloom, showy, delicately fragrant.

6527 Moss, long, slender, immersed in flowing water from cold mountain stream near the ledges in a ravine. (Grown with algae) ditto

Fontinalis Leucurii Sull.
6528 Lichen (gray) ditto
" On banks of damp ravine leading near ledges.

6529 *Corynephorosyllaria* Lam. ditto
" (5) On rocky shelves at cliffs at top; abundant. Ident. by F. J. Hermann.

6530 *Batis tinctoria* Great Valley of Va. Shenandoah Co. near Piverton, Va. At end of bridge over North Fork of Shenandoah. May 10, 1939 H.A. Allard.
" (3) Tall flower - at end of Piverton Bridge, and spreading along roadways. Tall flower. See # 1938

Sisyrinchium macrocarpum Nutt. Centerville, Va.
Very abundant in an old Fairfax Co.,
meadow: a blue May 12, 1939
6531 here over much of the H.A. Allard.
(2) area: full bloom. e

6532 *Carex pensylvanica* Denev. Arlington, Va.
(5) Beside walk on Arlington Co., Va.
H.A. Allard's lawn; abundant May 12, 1939.
here. H.A. Allard.

6533 *Euphorbia corollata* Bartlett form var
(2) ~~if *macrocarpa*~~ Pond Mountain
On dry Tanager hillside, Tangier Co.
in pasture, west slope. May 14, 1939
Not common just in bloom. H.A. Allard.

6534 *Sphaeropholis nitida* (Weng.) Scribn.
(1) In open woods, west slope: in clumps, ditto
scattered: just coming into flower
abundant over the entire area in woods; shining,
attractive. e

6535 *Carex retrofracta* Muhl.
(1) Near # 6534. ditto
e

6536 *Carex artecta* Mark.
(2) In same woods near # 6534. ditto
e

6537 *Juncus? scirpus planifolius* Muhl.
(2) In open woods, west slope. ditto
near # 6534. e

Clematis ochroleuca Nutt. Pond Mt., Va.
In open woods, Tangier Co.
6538 west slope with # 6534. May 14, 1939
(1) Full bloom: scattered. H.A. Allard
e

6539 *Erigeron phillyllus* Michx.
(1) By road in opening in woods with # 6534. ditto
Full bloom: color light, sky blue. e

6540 *Ranunculus hispidus* Michx.
(2) In woods west slope with # 6534: ditto
abundant: full bloom. e

6541 *Gizia cordata* (Walt.) D.C.
(3) In woods with # 6534: ditto
abundant, full bloom: shiny
yellow fl. e

6542 *Carex gracilescens* Steud.
(2) In woods, west slope with # 6534. ditto
e

6543 *Carex constricta* Mark.
(1) In woods with # 6534. ditto
e

6544 *Batrachium virginianum* (L.) Sw. ditto
(2) Rich, deep soil, east and west
slopes: abundant: just fruiting. e

Smilax herbacea L. ✓ Pond Mt., Va
1 very odoriferous like carrion, Tangier Co.
6545 nest slope with #6534. May 14, 1939
H.A. Allard.

6546 *Cynoglossum virginianum* L. ditto
12 abundant, full bloom: east slope.
In rich woods. e

6547 *Carex artiteuta* Mark. ditto
11 Top of ridge, in woods. e

6548 *Carex lasiocarpa* (immature) ditto
12 By roadside, east slope near
farm yard fence. e

6549 *Paulownia tomentosa* (Thunb.) Steud. ditto
13 at foot of cliff beginning south of
Thoroughfare Gap near Route #55. e
Full bloom: very beautiful: of general
occurrence.

6550 *Phacelia dubia* (L.) Small. Arlington Farm, Va. ditto
12 a volunteer seedling Arlington Co.; May 13, 1939
on 13 hour fern test of H.A. Allard
asplenium platyneuron from Great Falls, Md., 1938.
Plants 11-12 in tall: racemes loose 4-5 in long.
fl. blue (light)

6551 *Phacelia dubia* (L.) Small. ditto
11 volunteer germinating on 10 hour day
with same fern. Plants very low, 2-2 1/2
in tall, mostly leaves. Short stems with
no racemes but flowers in clusters of 2-5
only. Habit completely changed.

Polygonum persicaria L. Arlington Farm, Va. ditto
volunteers on 10 Arlington Co.
6552 10 hour day test of May 23, 1939
H.A. Allard
Polypodium vulgare from Great Falls, Md.
11 1938. Plants many, very small, 4 in or
less tall, flowering 4-5 leaves only had
dev. of one cot. 11 me had flowered on 13,
14, 14 1/2 or Controls.

6553 11 NO plants on 12 hour; May 23 on 12 1/2 hour ditto
12 *Sisyrinchium* (old field (Thromedea))
near Falls Church, Va.
Arlington Co.,
May 21, 1939
H.A. Allard.

6554 *Robinia* ditto
11 By roadside in bank. Near Merrifield, Va.
Very abundant here - 2-3 ft. Fairfax Co.
Flowers deep rose pink, turning blue on drying. May 21, 1939
H.A. Allard.

6555 *Pentstemon canescens* (Mill.) Britt. ditto
13 Roadside in Triassic area Gainsville, Va.
with abundant; flowers pinkish Triassic area e
Leaves, sharp teeth Prince William Co.
May 21, 1939
H.A. Allard.

6556 *Caryophyllus americana* Walt. ditto
12 In old pasture near Bull Run Mt., Va.
Belts; abundant. North of Hagerell Gap.
May 21, 1939
Tangier Co.
H.A. Allard.

6557 *Ulmus americana* ditto
12 In pasture west from Belts ditto
near # 6556 e

6558 *Rubus argutus* Link. ditto
11 High blackberry. e
Pasture near # 6556. ditto
Full bloom: abundant
4-5 ft.

Rufus
(Half-high Blackberry
so-called) very
6559 abundant; full flower
(2) 2-3 ft. high.
very fine fruit.
Bull Run Mt., Va
Fauquier Co.
west slope, north
of Hagerell Gap.
May 21, 1939
H.A. Allard.

6560 *Veratrum viride* Nutt
(2) In swamp north of
(darker setious Belts 1 mile; abundant,
each) full bloom. ditto

6561 *Carex haerens* (Kirkenth.) Mack.
(1) In same swamp with # 6560 ditto

6562 *Viola cucullata* Nutt.
(1) Lateral petals bearded.
In swamp with # 6560 ditto

6563 Gramineae.
(2) Growing on soil on rock in brook
N. of Hagerell Gap 2 miles, near # 6560 ditto
- *Trisetum pennsylvanicum* (L.) Beauv. e

6564 *Carex leucanthra* Dancy
(2) on dry bank in thin woods
about # 6563 (we ate)
abundant ditto

6565 *Carex blanda* Dancy
(3) Growing with # 6564.
very abundant here, making
much of vegetation. ditto

Cardamine pennsylvanica Muhl.
Fl. white. on soil
mat on flat stones
6566 in brook stone N. of Hagerell Gap.
(2) we ate it. May 21, 1939
abundant here; passing. H.A. Allard.

6567 Gramineae
(2) Growing with # 6564.
= *Bromus japonicus* Thunb. ditto

6568 *Carex acuticarpa* Dancy
(2) Growing with # 6564 ditto

6569 *Carex gracilescens* Steud
(1) Growing with # 6564 ditto

6570 *Carex gracilescens* Steud
(4) with # 6564 ditto
6570A = *Carex grisea* Wahl.

6571 *Carex gracilescens* Steud
(1) with # 6564 ditto

6572 *Carex grisea* Wahl.
(1) with # 6564 ditto

Carex cephalophora Muhl Bull Run Mt., Va
on dry slope in
open woods here
6573 near top - 1/2 mile west slope 2 miles
N. of Belts N. of Hagerell Gap
(1) May 21, 1939
H.A. Allard

6574 *Carex rosea* Schk.
(1) with # 6573

ditto

6575 *Carex consoluta* Mack
(1) with # 6573

ditto

6576 *Galium aparine* L.
(1) In swamp near # 6573
very abundant!

ditto

6577 *Carex flacca* Desv. (immature)
(2) with # 6573

ditto

6578 *Carex cephalophora* Muhl
(1) with # 6573

ditto

6579 *Carex rosea* Schk.
(1) with # 6573

ditto

Carex cephalophora Muhl Bull Run Mt., Va
in moist soil
near # 6573. Hagerell Cr.
west slope 2 miles N
of Hagerell Gap. May 21, 1939
H.A. Allard

6580
(2)

6581 *Platanus occidentalis*
(5) In pasture just west of Belts ditto

6582 *Carex flaccida* (Kühenth.) Mack.
(2) In wet swale west of Belts ditto

6583 *Eleocharis tenuis* (Willd.) Schultes
(1) with # 6582 ditto

6584 *Carex flaccida* (Kühenth.) Mack.
(1) In swale with # 6582 ditto

6585 *Veronica officinalis* L.
(1) In damp soil in pasture ditto
near # 6582

6586 *Carex flaccida* (Kühenth.) Mack.
(1) In damp soil near # 6582 ditto
in swale.

Trifolium procumbens L. Bull Run Mt., Va.
(yellow), in ~~pasture~~ ^{pasture} west slope
N. of Hagerell Gap 1/2 miles N. of Hagerell Gap
Tangier Co.
May 21, 1939
H.A. Allard.

6588 *Liriodendron tulipifera* L. ditto
(3) In pasture near # 6587; full bloom.

6589 *Carex glaucoidea* Tuckerm. H.A. Allard's garden
(3) Near pines. Arlington Co., Va.
May 23, 1939

6590 *Veronica*
(1) Abundant; erect. ^{Lawn of Administration}
Bldg. U.S. D.A., Wash. D.C.
at main entrance.
May 23, 1939
H.A. Allard

6591 *Veronica*
(1) Very abundant; with # 6590 ditto
Dying as summer comes on; reflected by
crab grass.

6592 *Crataegus cuneifolia* L. west of Bull Run Mt.,
(3) In meadow along west slope; meadow.
Broad Run just Tangier Co.
west of Thoroughfare Gap. May 24, 1939
Full bloom: as if as if H.A. Allard.

6593 *Hieracium pratense* Tausch Near Marshall
(16) Roadside near Marshall Tangier Co.
very abundant; full bloom.
Stoloniferous: slender stolons
just beginning.

Labiatae
(white woolly) Great Valley of Va.
(Shenandoah Co.)
one clump only, just ~~on Pugh's Run~~
6594 south of Strasburg, ~~near U.S. #11, south of~~
(17) on roadside at limestone May 24, 1939
cliffs: full bloom. H.A. Allard.
(I have never seen it before)
= *Stachys lanata* Jacq. ^{in flower in}
^{blakes herbarium}

6595 *Osmorhiza longistylis*
(3) var. *villibiculis* Ternald ditto
Growing by stream (Pugh's Run)
one mile N. of Woodstock, Va. near
U.S. 17; abundant at trail limestone
outcrop here.

6596 *Herpiz matronalis* L. On Pugh's Run.
(9) On limestone cliffs. Limestone outcrop,
along Pugh's Run; near highway U.S. 17,
very abundant, showing; 1 mile N. of Woodstock,
white and purple; May 24, 1939 Va.
full bloom H.A. Allard

6597 *Carex grisea* Wahl. ditto
(1) with # 6596
6597A = *Carex blanda* Desney.

6598 *Pellaea atropurpurea* (L.) Link. ditto
(1) with # 6596 on cliffs (limestone)
abundant.

6599 *Valerianella*
(3) On cliffs with # 6596 ditto
Plants pale; off. leaves.

6600 *Carex blanda* Desney
(1) with # 6596 ditto

Carex grisea Vahl
just off U.S. #11.

6601

(1)

On Pugh's Run,
Limestone cliffs,
1 mile N. of Woodstock, Va.
Shenandoah Co.
May 24, 1939
H.A. Allard

6602 *Uplinnia trichomanes* L.

(2) On limestone cliffs on
limestone cliffs with # 6601
(abundant here)

ditto

6603 *Carex cephalophora* Muhl

(1) On same cliffs with # 6602

ditto

6604 *Nerchera*

(1) with # 6602: full bloom.

ditto

6605 *Corvobolus*

(1) very white woolly. Just in bloom.
In Mr. Burner's pasture
foot of Pugh's Run road.
Just in bloom.

Three Top Mt. Va.
Massanutten Range,
May 24, 1939
Shenandoah Co.
H.A. Allard

6606 *Oribanthe multiflora* L.

(1) on shales in woods on
west slope east of Mr. Burner's farm.
abundant: full bloom.

ditto

6607 *Carex pennsylvanica* Lam

(1) on steepest, barren shales of
slope east of Burner's where I fell
abundant, past.

ditto

Carex hitchcockiana Denny Three Top of Mountain, Va.
Massanutten Range,
May 24, 1939
H.A. Allard.

6608

(1)

On top of ridge
at cliffs where
rock slides.

☉

6609 *Comandra umbellata* L. (Nutt.) Nutt. ditto

(3)

In woods on shales
near # 6608, (abundant)
full bloom.

6610 *Pentstemon*

(2)

On steep barren shales where
I fell: near # 6607: abundant: full bloom.

ditto

6611 *Cucurbitaria*?

(2)

In woods in deep ravine by spring
where once a house site on
shales well down mt.

ditto

6612 *Fimmaria*

(2)

with # 6611.
Seedling: seeds shining, black.

ditto

6613 *Philadelphus coronarius* L. ditto

(3)

(very fragrant: several clumps)
Growing with # 6611: a survivor from
a house site: very beautiful but lost in
these woods now.

6614 *Rubus*

(1)

trailing.
On dry rocky crest of ridge

ditto

Gramineae
On dry rocky ridge
6615 crest above slides.
(2) Not in flower, but soon. H.A. Allard.
Three Top Mountain, Va
Massanutten Range
Shenandoah Co
May 24, 1939

6616 *Carex cephalophora* Muhl.
(1) near # 6615 ditto

6617 *Menziesia pilosa* (Michx.) Pers.
(4) on steep slopes in heath zone above
rock slides: abundant; full bloom, ditto

6618 *Rhus glabra* (Michx.) Steud.
(5) (blossom?)
on steep barren shale where I fell.
Patches here: erect, bushy, ditto

6619 *Bypleurum rotundifolium* L. Bull Run Mts, Va
(3) In least gorge at old house
(6) below High Point, half stone, May 28, 1939
half wood: full bloom. H.A. Allard.
(my first record in Bull Run area. High Point) ditto

6620 *Sisyrinchium angustifolium* Mill.
(1) In swampy just beyond locust
grove below High Point: full bloom. ditto

6621 *Carex flaccidula* (Kühnenth.) Mack.
(1) In swampy woods near # 6620 ditto

Gramineae
In low swampy
6622 woods below
(2) High Point cliffs.
scattered in clumps.
= *Trisetum pennsylvanicum* (L.) Beauv. ditto

6623 *Acletois quadrifolia* Jacq.
(1) In rich woods just below
(west) of High Point cliffs. ditto
scattered throughout: full bloom.

6624 *Carex virens* Muhl.
(1) on High Point cliffs. ditto

6625 *Rubus argutus* Link.
(1) (High stems) among rocks
at foot of High Point cliffs. ditto

6626 *Hieracium pratense* Tausch.
(3) By roadside just near Gainesville, Va
where #55 turns off from Prince William Co.
U.S. # 11. Has just appeared May 28, 1939
in Bull Run area this year. H.A. Allard ditto

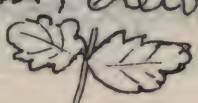
6627 *Oxalis stricta* L.
(3) (yellow)
In old field near
Prunus echinata tree. Bull Run Mts, Va
(full bloom) May 28, 1939
H.A. Allard ditto

6628 *Carex annulata* Beck.
(2) Near old ditch below
Prunus echinata in field (damp soil.) South of Hagerell Gap.
ditto

6629 *Carex amnietens* Bickn. Bull Run Mt., Va.
 Beside brook near Tranquar Co.
 dead chestnut Elm tree. west slope below
 High Point, south of Hagerell Gap.
 May 28, 1939
 H.A. Allard. e

6630 *Senecio smallii* Britton ditto
 (3) In old field where wild carrot so
 abundant last year: growing in
 and *Prunus ciliolata* area.
 Full bloom. e

6631 *Houstonia missouriensis* L. ditto
 (1) In old pasture just beyond
 Riley's brook but young red cedars so
 abundant.
 (full bloom) e

6632 *Veronica arvensis* L. ditto
 (1) In old pasture near # 6631.
 abundant, dying, brown; erect, slender,
 abundant; annual  e

6633 *Glyceria striata* (Lam.) Hitch. ditto
 (2) In damp soil of brook near
 big dead blums *americana*
 abundant in swamps, brooks on stones,
 etc. e

6634 *Equisetum arvense* L. ditto
 (2) with # 6633 in damp soil
 on banks. e

6635 Moss ditto
 (1) on thin soil on rock
 in brook with # 6633. e

Agrostemma githago L. Bull Run Mt., Va.
 In wheat field south of Tranquar Co.
 Hagerell Gap; full bloom May 28, 1939
 6636 *Corolla* lilac purple some as H.A. Allard
 (2) upper lip of *Orelin spectabilis* west slope
 abundant, below High Point Cliffs. e

6637 *Convolvulus ^{repens} sp. ~~sp.~~ ^{sp.}* ditto
 (3) *stigma* var. In dry, sterile soil by
 roadside below Castello's, Hagerell Gap
 very abundant, full bloom. e

6638 *Carex laevigata* (Kirpench.) Mark. ditto
 (2) In open small below Castello's
 at Hagerell Gap. e

6639 *Carex lurida* Wahl. ditto
 (5) Growing with # 6638. e

6640 *Juncus effusus* L. var. - (immature) ditto
 (3) with # 6638; very abundant.
 making green herbage (tall) in many
 small ones. e

6641 *Campylodiscus arenaria serpyllifolia* L. ditto
 (1) In pasture at Hagerell Gap below
 Castello's: abundant. e

6642 *Veronica officinalis* L. ditto
 (1) In old field at Hagerell Gap
 below Castello's
 large areas - blue (light) with
 brown. e

Pentstemon canescens (Britt.) Britt. Bull Run Mt., Va
In old field on Triassic Area Prince William Co
near Antioch. Very abundant, May 28, 1939
6643 bull blum
(1)

6644 *Consolida spithamea* L ditto
(1) On bare areas S. of Hagerell Gap
where soil was obtained for testing at
Arlington Farm. Very abundant in these
bull blum, white; almost the only plant
here.

6645 *Panicum dehaenianum* Muhl Bull Run Mt., Va
(2) In pasture S. of Belts Tranquien Co
(same clump.) May 30, 1939
H.G. Allard
In area just west of
Belts old N. and
toward Landmark
N. of Hagerell Gap. e

6646 *Bromus commutatus* Schrad
(2) In farmyard of negro
farm where we heard caribony
white birds. Very dense stands ditto e

6647 *Bromus commutatus* Schrad
(2) Growing with # 6646; abundant ditto e

6648 *Carex lasiocarpa* Lam ditto
(1) In deciduous woods east of
Landmark. e

6649 *Panicum dichotomum* L. ditto
(1) In woods east of Landmark e

Sphenopholis Bull Run Mt., Va
In woods Tranquien Co.
east of Landmark. In area west of High Knob
ad Belts old toward
Landmark. May 30, 1939
H.G. Allard.
(1) *Sphenopholis filiformis* (Chapm.) Scribn. e
New to Va.

6651 *Carex ~~rostrata~~ consolida* Mark ditto
(1) In woods near # 6650
(abundant) e

6652 *Carex hirsutella* Mark ditto
(1) In woods near # 6650 e

6653 *Panicum boscii* Poir ditto
(1) In woods with # 6650 e

6654 *Carex lasiocarpa* Lam. ditto
(1) In woods near # 6650 e

6655 *Carex hirsutella* Mark ditto
(1) In wood road in woods
near # 6650 e

6656 *Asarum parietaria pennsylvanica* Muhl ditto
(3) In damp rich woods near
Landmark; very abundant here. e

Gramineae
In damp rich woods
near landmarks,
6657 where all the black
walnut trees.
" *Bromus japonicus* Thunb.
Bull Run Mt., Va
Fauquier Co.
west slope in area
west of Round Knob
had Belts toward
landmark.
May 30, 1939
H.G. Allard

6658 *Carex flacca* Mack.
" *muhlenbergia racemosa* Boott.
" In thin, open woods on dry
slope east of landmark where it is
abundant here. Halfway
(same clump.)

6659 *Carex cephalophora* Muhl.
" with # 6658
abundant here
(same clump.)

6660 *Carex hirsutella* Mack.
" Near # 6658
(same clump.)

6661 *Carex cephalophora* Muhl.
" In old pasture near # 6658

6662 *Carex cephalophora* Muhl.
" Edge of thin woods, dry near
pasture near # 6658

6662 a: *Carex flacca* Mack.
" *muhlenbergia racemosa* Boott.

6663 *Panicum depauperatum* Muhl.
" In old pasture near # 6662

Carex hirsutella Mack.
In heavy thicket of *Rhus glabra* in
pasture where it made almost
6664 a pure dense stand of herbage.
" below.
" In pasture west of Belts
Bull Run Mt., Va
Fauquier Co.
May 30, 1939
H.G. Allard
In area west of Round Knob
and Belts and toward
landmark.

6665 *Carex cephalophora* Muhl.
" with # 6664
very abundant in old pasture

6666 *Carex cephalophora* Muhl.
" In pasture with # 6664

6667 *Carex cephalophora* Muhl.
" Near # 6664

6668 *Carex hirsutella* Mack.
" In pasture near # 6664

6669 *Convolvulus spithameus* L.
" *repens*
" In bare red-soil area in pasture
far west of Belts, covered with these only,
and exceptionally large. width flowers
6.8 cm; 7.0 cm; 5.5 cm; 6.7 cm.
(very showy, abundant.)

6670 *Houstonia missouriensis* L.
" In pasture near # 6669.
Very abundant; full bloom; and
in woods etc.

Consobolus spithameus Bull Run Mt., Va
Franquiere Co
May 30, 1939
H.A. Allard
1 white fl
6671 ♀ = stigmas oval
(2) to oblong
everywhere in sterile
ground: full flower.
west slope N. of Hagerell Gap
2 miles, old road
Round Knot to Landmarks.

6672 *Sphenopholis glycyssia* ditto
(2) in rich woods (damp)
brilliant, shining green
in clumps = *Sphenopholis filiformis* (Chapm.) Scribn.

6673 *Sisyrinchium graminoides* Bicknell.
(2) in low ground in pasture
just west of where we parked
old stream bed - is at foot
of High White Rock slope. ditto

6674 *Carex amnensis* Bickn.
(2) in low ground with * 6673 ditto

6675 *Carex bushii* Mark
(1) with * 6673 ditto

6676 *Carex amnensis* Bickn.
(1) with * 6673 ditto

6677 *Carex bushii* Mark
(3) with * 6673 ditto

Triostema perfoliatum Bull Run Mt., Va
Franquiere Co
May 30, 1939
H.A. Allard
6678 Landmarks, old
old pastures: west slope N. of Hagerell Gap
(1) abundant full flower. 2 miles old road
from Round Knot toward
Landmarks.

6679 *Apleticum hyemale* (Muhl.) Torr.
(1) in heavy woods east of Landmarks, ditto
rich soil? leaf dead. One bulb 3 in
may not be living this year or with no
leaf; a larger bulb. My first finding of
the plant in flower.

6680 *Saxifraga smallii* Britton
(2) on dry wooded slope in thin ditto
woods: abundant: east of Landmarks
full flower.

6681
Rattlesnake Mt., Va
Franquiere Co.
June 2, 1939.
alt. 2100 ft.
H.A. Allard

6682 *Carex grisea* Wahl
(4) in heavy woods in rich dark soil ditto
at top of highest point.

6683 *Grammaea*
(2) in woods on east slope near top ditto

6684 *Carex cephalophora* Muhl.
(2) in woods east slope. ditto

Carex ammensens Bickn. Rattlesnake Mt., Va
in small between
Rattlesnake rd Buck
June 2, 1939
H.A. Allard.

6685
11)


6686 *Juncus macrocarpa* S.F. Gray ditto
11) in small with # 6685
(leaves of it here smoothed) (ie with smooth)
with fungus: e

6687 *Carex scoparia* Schk. ditto
16) in small with # 6685:
(one clump) e

6688 *Juncus effusus* L. var. *splendens* Fern. & Wieg. ditto
16) with # 6685: very abundant:
dark green below (stems) lighter green
of bluish near top. e

6689 *Carex squarrosa* L. ditto
14) in small with # 6685: abundant here. e

6690 Bull Run Mt., Va
Fauquier Co.
pastures south of Aldie 5 miles
on #629 off #55
June 4, 1939
H.A. Allard ditto

6691 *Polytrichum* ditto
14) abundant on dry banks in woods
here. just mature. 

Stellaria graminea L. Bull Run Mt., Va
Fauquier Co.
pastures south of Aldie 5 miles
June 4, 1939
H.A. Allard

6692 in low grassy meadow: abundant, full bloom.
12) Everywhere in fields and meadows here. e

6693 *Gramineae, Anthriscus elatior* (L.) Moench ditto
13) in open small in cult. ground; abundant e

6694 *Carex vulpinoidea* Michx. ditto
14) in open small with # 6693. e

6695 *Juncus macrocarpa* S.F. Gray ditto
14) with # 6693: abundant. e

6696 *Verbascum thapsus* L. ditto
11) in open field: abundant; full flower
yellow and purplish. e

6697 *Carex vulpinoidea* Michx. ditto
13) in open small. e

6698 *Verbena angustifolia* Michx. simplex L. ditto
14) in open field: occasional.
flowers purple; full bloom. e

Silene acaulis L.

6699 Low ground
swale, thick

(2) part: ^{dark} ~~light~~ ^{very} ~~very~~
upper stems: very
viscid: stringy soil when tamped:
small insects caught. why

6700 *Oxalis stricta* L.

(1) (yellow)
In field: abundant.

6701 *Carex lurida* Vahl.

(5) (all from one clump.)
Low ground swale along brook
near wooded slopes: abundant. e

6701a = *Carex laevigata* (Kühn) Mack.

6702 *Carex lurida* Vahl.

(1) Near # 6701: abundant

6703 *Panicum clandestinum* L.

(2) On banks of brook in open swale.
abundant. e

6704 *Sagittaria arifolia* Vahl.

(3) In low, wet soil by brook
with # 6701: common. e

6705 *Panicum clandestinum* L.

(2) In low ground near
6703. e

Stellaria graminea L.

6706 In open swale: ^{pasture} ^{west slope 5 miles}
very abundant. # 55. south of Aldie on # 629 off
(2) June 4, 1939
H.A. Allard. e

6707 *Gramineae*

(3) In low ground swale: very
abundant. = *Festuca elatior* L. e

6708 *Carex vulpinoidea* Michx.

(4) In low ground swale along brook. ditto
e

6709 *Juncus canadensis* J. Gay (too

(2) Near # 6708. ditto
e (immature)

6710 *Carex lurida* Vahl.

(4) In swale along brook: abundant. ditto
e

6711 *Sagittaria arifolia* Vahl.

(4) In water (edge) along
brook near # 6708: abundant e
locally here.

6712 *Gramineae* = *Poa trivialis* L.

(2) On banks of brook near # 6708; ditto
abundant. e

Carex normalis Mack
In swale along
6713 brook; abundant
(5)
Bull Run Mt. Va
Fauquier Co.
west slope south of Aldie
5 miles. June 4, 1939
H.A. Allard; in open
fields, swales, pastures
etc here, to mountains.
e

6714 Carex vulpinoidea Mack
(4) In swale along brook near
woods: abundant; from same clump. ditto
e

6715 Carex normalis Mack
(8) In high pasture near woods ditto
e

6716 Panicum schauferatum Muhlb.
(1) In woods on dry lower slope
of west ridge, west slope: abundant ditto
e

6717 Panicum barbatum Michx.
(1) In woods near # 6716. ditto
e

6718 Carex lasiophora Lam
(5) In woods near # 6716 ditto
e

6719 Polygonum aviculare L.
(3) In bar way of corn field: ditto
full bloom here; abundant.
var. vegetum Ledeb.
(Plants very large.) P. monspeliense Thiebaut.
e

Carex prasina Wahl. Alleghenies
Hardy Co., west Va.
on Warden'sville road
west of Big Schloss, at
trail leading to Half Moon
Lookout. June 8, 1939
H.A. Allard. e
By trail from where
Trail to Half Moon Lookout begins.

6720
(2)
6721 Carex gracillima Schum.
(1) at bridge over run in wet ditto
soil on trail from Warden'sville highway
to Half Moon Lookout. e

6722 Carex stipata Muhl.
(3) with # 6721 ditto

6723 Carex scaparia Schk.
(1) with # 6721 ditto
e

6724 Carex prasina Wahl.
(1) with # 6721 ditto
e

6725 Carex hirsutella Mack
(2) with # 6721 ditto
e

6726 Carex scaparia Schk.
(2) with # 6721 ditto
e

Carex stipitata Muhl. Alleghenies
at bridge in wet Hardy Co., West Va
soil at Run June 8, 1939
6727 near highway. H.A. Allard.
on Warden'sville road
in valley west of Big Schloss
on trail leading to
Half Moon Lookout. ditto

6728 *Juncus effusus*
(3) with # 6727 var *Pyraei* (Laharpe) ditto
Temporary.

6729 *Graminoid*
(1) in woods on trail to Half Moon Lookout. ditto
Festuca obtusa Spreng.

6730 *Carex cephalophora* Muhl.
(1) with # 6729 ditto

6731 *Arabis*
(1) with # 6729 ditto
scattered along trail in woods etc.

6732 *Carex hirsutella* Mack.
(4) all of trail near # 6729 ditto

6733 *Carex cephalophora* Muhl.
(1) near fence near Warden'sville
Highway on trail to Half Moon Lookout ditto

Asplenium montanum Willd. Alleghenies
on ledges of quartzite Hardy Co., West Va
June 8, 1939
6734 near # 6735; abundant. ditto
on trail from Warden'sville
Highway in valley just
west of Big Schloss to
Half Moon Lookout

6735 *Hydrophyllum virginianum* ditto
(2) by cliffs (quartzite) by roadside
in rich woods on highway to Lost River P.
from Warden'sville - Perry West Va.
most office: full bloom.

6736 *Carex virescens* Muhl.
(3) Near # 6735 ditto

6737 *Lathyrus venosus* Muhl. ditto
(2) Roadside on Warden'sville Highway
near beginning of trail to Half Moon
Lookout. (has not bloomed yet)

6738 *Oenothera* ditto
(2) Near # 6737

6739 *Carex amnemon* Michx.
(4) in woods halfway between
Warden'sville Highway and
Lost River P. O. (one dwarf) ditto

6740 *Erigeron philadelphicus* L. ditto
(2) in opening in woods on trail
all of to Half Moon Lookout from
Warden'sville Highway. Passing.

Phlox ovata L. Alleghenies, West Va.
Hardy Co. June 8, 1939
H.A. Allard
In woods along
high way, from
6741 warden'sville
on warden'sville highway
west of Big Schloss.
(1) highway to Lost River P.O.
abundant: fl. deep rose-pink showy

6742 *Aster trichomanes* L. ditto
On quartzite cliffs beyond
(1) # 6741

6743 *Polemonium van-dermeulenii* Britton ditto
(1) woods near trail from
warden'sville Highway to
Half moon Lookout (roadside)
Past.

6744 *Carex vulpinoidea* Michx. ditto
(2) at cliffs near # 6741

6745 *Carex communis* Bailey ditto
(3) at cliffs near # 6741

6746 *Chamaelirium luteum* (L.) Gray ditto
(6) Low, damp rich woods
near beginning of trail to Half Moon
Lookout from warden'sville Highway.
Locally abundant here; full flower.
Stems with drooping more like spikes
of upland bladders.

6747 *Papaver dubium* L.
(3) Roadside between Edinburgh
and Columbia Turnpike, Va. Shenandoah Co.
(very common in Great Valley) June 8, 1939
H.A. Allard

Holcus lanatus L. Bull Run Mt. Va.
Tangier Co.
Roadside, at Berkeley June 8, 1939
6748 Mill, Thoroughfare Gap H.A. Allard
(15) Full flower: very first record for
Bull Run area. scattered in the
Triassic from Aldie east etc. e

6749 *Houstonia tenuifolia* Nutt.
In Alleghenies near Dairs Hole Mt.,
(1) on high way from Columbia Turnpike
to Perry P.O. West Va.: near abandoned
C.C.C. camp. June 8, 1939. H.A. Allard
Shenandoah Co., Va.: abundant; full flower.

6750 *Juncus effusus* L. Alleghenies, West Va.
(3) var. *myacoides* (L.) Torr. & Gray, West Va. June 8, 1939.
In wet soil Shenandoah Co., H.A. Allard.
near base of Mt. Va., abundant (single).
at spring near top of Dairs Hole Mt. ridge
just before abandoned C.C.C. camp is reached.

6751 *Carex gynandra* Schreb. ditto
(3) at spring in wet soil with
6750 e

6752 *Panicum* ditto
(1) Road side bank near # 6750

6753 *Panicum* ditto
(3) Near # 6750

6754 *Panicum* ditto
(2) Near # 6750

Holcus lanatus L. Alleghenies, West Va.
Hardy Co., June 8, 1939
Panicle pinkish purple, H.A. Allard
Very beautiful. On road from Perry, P.O.,
6755 roadside near Wardenville.
" Perry P.O., West Va.

6756 *Carex scoparia* Schk.
(5) Small by roadside near Perry P.O., ditto
West Va.; abundant

6757 *Carex incompta* Bicknell.
(3) with # 6756 ditto

6758 *Carex swanii* (Tern.) Mack.
(7) In sedge with # 6756 ditto

6759 *Carex scoparia* Schk.
(5) with # 6756 ditto

6760 *Carex lurida* Wahl.
(2) with # 6756 ditto

6761 *Carex scoparia* Schk.
(3) with # 6756. ditto

Scutellaria versicolor Nutt. Great Falls, Md.
June 15, 1939
offered as volunteer in day length studies of fern H.A. Allard
6762 *Asplenium platyneuron* from Great Falls, Md.
" 1938. (see data)
A long-day type of plant

6763 *Carex trifurcoides* Wahl. Bull Run Mt., Va.
(5) (one clump) In Tangier Co.
damp soil by railroad near slope.
at Beverly Mill from Beverly Mill to
Broad Run station on
railroad June 18, 1939
H.A. Allard.

6764 *Carex trifurcoides* Wahl.
(2) Near # 6763; same habitat. ditto

6765 *Carex vulpinoidea* Michx.
(3) wet soil by railroad at
Beverly Mill near # 6763 ditto

6766 *Anagallis arvensis* L.
(2) (Pimpernell)
abundant above Broad Run station
on R.R. bed; full flower: fl orange-red ditto

6767 Grassinal
(3) By railroad between Beverly Mill ditto
and Broad Run station
(May first record) ? *Agropyron repens* Beauv.

6768 *Morus rubra* L.
" By railroad above
Beverly Mill. ditto

Epilobium angustifolium L. Bull Run Mt., Va.
on Railroad near June 18, 1939
Broad Run Station. H.A. Allard
6769 on railroad from
Berkeley Mill to
Broad Run Station.
111

6770 *Hemichora americana* L. ditto
111 on rocky outcrops at
Thoroughfare Gap; abundant: full bloom
e

6771 *Carex vulpinoidea* Michx. ditto
121 wet soil by railroad
above Berkeley Mill. e

6772 *Oxalis stricta* L. ditto
111 on railroad above Berkeley Mill
e

6773 *Scirpus bulbostylis capillaris* (L.) C.B. Claybe. ditto
111 on rail road above
Berkeley Mill and Broad Run Station,
wet soil.

6774 *Oxanthora americana* L. ditto
111 In Broad Run at
Thoroughfare Gap, a few just
in flower only. abundant. e

6775 *Carex tribuloides* Wahl. ditto
(2) by railroad at Berkeley Mill. e

Juncus effusus Bull Run Mt., Va.
var. *solutus* Horn. & Sieg. June 18, 1939
on railroad, H.A. Allard
6776 wet soil, at Thoroughfare Gap
111 on railroad.
e

6777 *Lichen* Alleghenies, West Va.
111 on bank Hardy Co., June 22, 1939
of tree on forest road from Wadensville
at Trout Run where trail to Half Moon Lookout
begins at Trout Run.
H.A. Allard.

6778 *Lichen* ditto
111 on trail to Half Moon Lookout
near Trout Run

6779 *Cladonia squamosa* (Scop.) Hoffm. ditto
111 on bank near # 6778

6780 *Cladonia squamosa* (Scop.) Hoffm. ditto
111 on bank near # 6778

6781 *Cladonia squamosa* (Scop.) Hoffm. ditto
111 on bank on Sugar Knob
at about 3000 ft. on trail
from Trout Run. (collected June 25, 1939
same trail above)

6782 *Cladonia furcata* (Reindeer) Alleghenies, West Va.
111 var. *naemopala* (Hoffm.) Hardy Co.,
on ground on trail from Trout Run
near Trout Run to Sugar Knob shelter.
June 22, 1939
on Wadensville road. H.A. Allard

Centaurea maculosa Lam Near Strasburg
on mts. on #55 from
east of railroad Front Royal, Va
6783 crossing; abundant Shenandoah Co
(3) this year; just in flower June 22, 1939
fl. pink H.G. Allard.

6784 *Panicum* At abandoned CCC camp
(2) at CCC camp on Devils Hole mt. ridge
near abandoned rest of Columbia Turnpike
at top of ridge on forest road to
road descends to Perry & Wardenville, West Va
Wardenville, West Va June 22, 1939
H.G. Allard.

6785 *Graminae*
(2) Same CCC camp same
as #6784 ditto

6786 *Agrostis*
(1) In same wet spot with #6785 ditto

6787 *Juncus marginatus* Rostk.
" with #6786 ditto

6788 *Juncus effusus* var. *pylaci* (Laharpe) Tuck. & Presl
(2) with #6786 ditto

6789 *Panicum*
(5) with #6786. ditto

Juncus secundus Beauv. at abandoned CCC camp
on top of Devils Hole mt. ridge
at CCC camp in small
6790 here. Wardenville, West Va
highway, June 22, 1939
H.G. Allard
Shenandoah Co.

6791 with #6790. ditto
(5)

6792 *Carex scoparia* Schreb.
(5) with #6790 ditto

6793 *Panicum*
(2) near #6790 ditto

6794 *Carex scoparia* Schreb.
(2) near #6790 ditto

6795 *Agrostis*
(2) near #6790 ditto

6796 *Carex lurida* Wahlb.
(4) with #6790 ditto

Oenothera
bl yellow. showy. On trail from Trout Run
to Sugar Knob shelter in
Alleghenies, West Va., Hardy Co.,
June 22, 1939
H.G. Allard.
6797 In grassy vale a opening in
(4) woods near Trout Run on Perry to Wardenville
full bloom) highway.

6798 *Juncus effusus* at abandoned CCC
var. *solutus* Fern. sp. camp, Alleghenies
(2) In small reg. Shenandoah Co., Va.
at CCC camp. on Devils Hole mt. ridge
on Wardenville, West Va.
highway. June 27, 1939.
H.G. Allard

6799 *Lactuca*
(1) bl. yellow. On trail yll
of trail toward Sugar Knob:
just in flower. ditto

6800 *Carex blanda* Tenney
(2) Near Trout Run in woods ditto

6801 *Oenothera*
(1) small yellow bl. ditto
well of trail toward Half Moon
lead off

6802 *Carex vulpinoidea* Michx.
(3) well of trail in small ditto

6803 *Carex Baileyi* Britt.
(2) In small near # 6802 ditto

Juncus effusus Alleghenies, West Va
var. *solutus* Fern. sp. Hardy Co.
In small above Trout Run on trail from
Trout Run to Sugar Knob shelter
June 22, 1939
H.G. Allard.
6804 on trail to Sugar Knob, West Va. ditto

6805 *Holcus lanatus* ditto
(1) at foot of trail of Trout Run
at Wardenville highway: full bloom.

6806 *Galium*
(3) Beside Trout Run ditto
where trail leaves Wardenville
highway: abundant; leaves white

6807 *Impatiens*
(3) white fl.) ditto
at beginning of trail from
Wardenville Highway at Trout Run.
just in flower.

6808 *Circaea*
(2) Beside Trout Run where it ditto
(trail) leaves Wardenville highway.
bl. white.

6809 Lichen on low same trail to
ground rocks (low), Sugar Knob: but date
near pond on June 25, 1939.
trail near Half Moon H.G. Allard.
lead-off.

6810 *Saxicola gregaria* Bicknell. ditto
(3) On trail 1 mile from
Trout Run: scattered in woods.

Sphagnum
at spring near
3000 ft on upper
6811 sketch of trail. On trail from Trout Run to
Sugar Knob shelter.
from Wardenville Road.
Alleghenies, West Va
Hardy Co., June 25, 1939
H.A. Allard

6812 *Nepetula*. ditto
On bank in deep, dark ravine
on bank from Sugar Knob spring shelter
spring; just below spring.
Scapania undulata (L.) Dunn.

6813 *Sphagnum*. ditto
Near top of plateau in spring-fed
spot: *Sphagnum* tuft of 6-8 inches in
place overlying higher plants.

6814 *Sphagnum* ditto
with # 6813

6815 *Gramineae* ditto
3/ at spring just below Sugar Knob
shelter.
A very beautiful spot - spring covered with
interrupted ferns etc.

6816 Moss ditto
at spring at Sugar Knob shelter;
on bank
Hypnum curvifolium Hedw.
plus *Bryhnia norae-angliae* (Eull. & Desq.) Grout.

6817 *Peltigera* (silvery gray) ditto
Moss with it
just below spring near # 6816

6817A = *Picramnia scoparium* Hedw. plus *Thuidium delicatulum* (Hedw.) Mitt
6817B = *Rhytidiadelphus squarrosus* (Hedw.) var. *slender form* + *Dicranum scoparium* Hedw. plus *Thuidium recognitum* (Hedw.) Lindb.
6817C = *Thuidium recognitum* (Hedw.) Lindb. plus *Picramnia scoparium* Hedw.

Juncus effusus
var. *solutus* Torr. Spring.
at Sugar Knob shelter
spring at 3100 ft.
6818 ditto
(2)
Alleghenies, West Va
Hardy Co. Sugar Knob
on trail to Sugar Knob
shelter from Trout Run
near Wardenville Highway
June 25, 1939
H.A. Allard

6819 Moss. (reddish) - covered with *Strophotia*. ditto
on bank just below trickling brook
from spring.
Tetraphis pellucida Hedw.

6820 Moss ditto
with # 6819
Hypoleucomium norae-caesariae (Aust.) Grout.
defanferata

6821 Moss ditto
with # 6819
Tetraphis pellucida Hedw.

6822 Moss ditto
with # 6819
Bryhnia norae-angliae (Eull. & Desq.) Grout.

6823 Moss ditto
with # 6819
Protherella recurvans (Mx.) Fleisch.

6824 *Peltigera* (lichen) ditto
silvery gray.
(with # 6819, on soil)

plus *Hylacomium brevicaule* (Beauv.) Bry. Eur.
plus *Thuidium recognitum* (Hedw.) Lindb.

Mass.

Alleghenies, West Va.

on wet bank by brook in dark Hardy Co.
ravine just below spring. June 25, 1939
6825 on top of Sugar Knob - det. H.A. Allard.
stone shelter stands: 3100 ft alt. we reached
this on trail from Wardenville
plus Bryhnia norae-angliae (Sull. & Lesq.) Grout. //

6826 Mass

// with # 6825

ditto

Thuidium delicatulum (Hedw.) Mitt. plus
Bryhnia norae-angliae (Sull. & Lesq.) Grout. //

6827 Mass

// with # 6825

ditto

Brotherella recurvans (Mx.) Fleisch
Tetraphis pellucida Hedw.
Cephalozia media Lindb. and Calypogeia
messiana (M. & C.) R. M.uell. //

6828 Mass

// with # 6825

ditto

Bryhnia norae-angliae (Sull. & Lesq.) Grout. //

6829 Carex gynandra Schum.

// with # 6825: also in ravine
below and along brook.

ditto

6830 Carex scoparia Schum.

// just below Sugar Knob shelter
spring on trail to Little Stony Creek. //

ditto

6831 Carex gynandra Schum.

with # 6830

ditto

(2) a large species with long, long spikes. //

Panicum

Alleghenies, West Va.

Hardy Co.

on plateau just above Sugar Knob June 25, 1939
6832 shelter; soil H.A. Allard.
dry, sandy, stony. on trail from Wardenville
highway and Trout Run to
Sugar Knob shelter (5 miles)

6833

Panicum

Alleghenies, West Va.

//

ditto

6834

Mass

in crevices beneath overhanging
ledges at causeway near top of
Sugar Knob.

Plagiothecium Roseanum (Hampe) Bry. Eur. //

6835

Carex debilis var. Rudgei Bailey
very rare.

(2) at springy spot on trail near
top of Sugar Knob - where deer tracks
seen in mud. //

6836

Panicum

(4) on trail (beginning) at Trout
Run; these found by roadside at
Trout Run in thickets etc. //

6837

Pyrola elliptica Nutt.

// near top of Sugar Knob
in damp woods; full bloom //

6838

Amianthum muscatoricum (Mitt.)

(2) near # 6837. abundant; full bloom. Gray
lower zone of raceme yellowish green;
middle purplish cream. upper (new bl.)
more white. //

Galium verum L. Near Romney, West Va.,
Hampshire Co. July 1, 1939
Self yellow flowered: over
some old hill pastures
6839 here with heavy growth. H.A. Allard
(2) saw it nowhere else.
Areas of this weed by roadsides in
old fields, contributing a more deep yellow.

6840 variegated grass (infertile) Davis, West Va.,
Long. Tucker Co. July 1, 1939
(3) Escape in old back yard: full bloom H.A. Allard.

6841 *Eriophorum virginicum* L. Davis, West Va.,
Tucker Co. July 2, 1939
Sedge. (3) In bog along road cut at bridge
6-7 miles from Davis. H.A. Allard
Just in flower. Canaan valley, between
Brown and Cabin mts.
at head of Blackwater River.

6842 Gramineae
(1) with # 6841 ditto

6843 *Carex vulpinoidea* Michx.
(3) In deep fog near # 6841
(all we collect) ditto

6844 *Carex gynandra* Schreier
(1) Near # 6841, in fog ditto

6845 Gramineae
(1) In fog near bear dam: very
wet. ditto

Lycopodium annotinum L. Canaan valley
West of Davis, West Va.,
1/2 mile below Bear dam. 6-8 spikes near old
cabin. H.A. Allard
6846 (large sporophyll between Brown and Cabin
and sessile. mts. July 2, 1939
(1) H.A. Allard Tucker Co.

6847 *Lycopodium clavatum* L. ditto
(1) with # 6846.
Drier, rocky banks etc.

6848 *Carex flumescens* (Pers.) Poir.
(2) Bog 1/2 mile below Bear dam. ditto
almost making a pure area
of dense herbaceous here.

6849 *Panicum* ditto
(1) Near # 6848

6850 *Panicum* ditto
(2) (large)
Near # 6848

6851 *Lycopodium clavatum* L. ditto
(1) Same as 6847

6852 *Lycopodium annotinum* L. ditto
(1) Same as # 6846
on drier ground on ridge
covered with scrubby wood.

Juncus effusus
In bog 1/2 mile below
6853 beaver pond.
var. solutus Fern. & Mieg.
Canada valley east of
Davis, West Va. 6-8 miles
between Brown and Cabin Mts.
July 2, 1939
H.A. Allard.

6854 *Crataegus*
Large, tree like at bridge in
swamp 1/2 mile west of beaver dam.
fruit green. ditto

6855 *Carex canescens* var. *disjuncta* Fern.
In swamp with # 6853 ditto

6856 *Juncus macrocarpa* S.F. Gray,
In wet soil at beaver pond. ditto

6857 *Juncus macrocarpa* S.F. Gray
with # 6856 ditto

6858 *Juncus leptalea* Wabl.
Near # 6856 ditto

6859 *Gramineae*
Fine, reddish, bluffy,
at beaver pond near 6856. ditto

Potentilla
In higher ground near
6860 beaver pond.
Canada valley east of
Davis 6-8 miles
between Brown and
Cabin Mts., Tucker Co.
July 2, 1939
H.A. Allard.

6861 *Carex intumescens* Rudge
In wet soil at beaver pond ditto
6861a = *Carex folliculata* L.

6862 *Juncus effusus*
at beaver pond in wet soil
var. solutus Fern. & Mieg. ditto

6863 *Galium*
In damp brushy woods at
beaver pond. ditto

6864 *Saxifraga atrorubens* Fern.
with # 6862
(wet soil) ditto

6865 *Carex debilis* var. *Rudgei* Bailey
with # 6862
(wet soil at beaver pond) ditto

6866 *Carex Baileyi* Britt
one clump; with # 6865 ditto

Mass In Canaan valley
at spring in heavy woods on east of Davis, west Va. 16-8 miles
between Brown and Cabin mts.
6867 slope of Truckee Co.; July 2, 1939
H.A. Allard.
at Cooper's Camp
Anomodon attenuatus (Hedw.) Huebner.

6868 Mass ditto.
|| with # 6867
Thuidium delicatulum (Hedw.) Mitt.

6869 *Veronica americana* Schreiner
|| on hook bank near beaver dam. ditto

6870 *Galium*
|| In moist woods (second growth) near beaver dam. ditto

6871 Mass ditto
|| On log near 6867
Hypnum imponens Hedw.

6872 *Lycopodium* ditto
|| In cinders of old lumber railroad at beaver dam.

6873 Mass ditto.
|| In heavy woods above Cooper's Cabin near # 6867
Dicranum fuscescens Turm.

Mass In Canaan valley
In woods above east of Davis, west Va. 16-8
Cooper's Cabin on miles, between Brown
and Cabin mts.; July 2, 1939
6874 slope of Truckee Co.; H.A. Allard.
|| Brown Mt., near # 6867
Mnium medium Bry. Eur.
plus *Brachythecium oxycladon* (Brid.) J.P.S.

6875 Mass ditto
|| In same woods near # 6874
Brachythecium risulare Bry. Eur.

6876 *Carex scabrata* Schreiner
|| On wooded slope of Brown Mt., ditto
above Cooper's Cabin at spring.

6877 *Galium* ditto
|| with # 6876

6878 *Hemichera* ditto
|| In woods with # 6876

6879 *Carex scabrata* Schreiner ditto
|| In woods with # 6876

6880 *Gramin al*
|| At spring above Cooper's Camp
with # 6876.

Allium tricoccum (ramps)
 6881 In moist heavy woods on slopes of Brown Mt.; very abundant; no leafage; just in flower (see notes of trip: clumps with 25-39 bulbs.)
 In Canaan Valley, east of Davis, West Va. 6-8 miles; Tucker Co. between Brown and Cabin mts. July 2, 1939
 H.A. Allard.

6882 *Carex intumescens* Rudge
 (2) In woods at spring above Cooper's Camp on slope of Brown Mt.
 ditto

6883 *Gramineae*
 (2) on ridge of Brown Mt. above Cooper's Camp in heavy woods.
 ditto

6884 *Carex radiata* (Wahlb.) Deney
 (1) at spring on Brown Mt. slope above Cooper's Camp, in woods.
 ditto

6885 Moss
 (1) on log at spring above Cooper's camp near #6884
 ditto

6886 Moss
 (1) on rocks in water at spring brook above Cooper's camp near #6885
 ditto

6887 Moss: *Brotherella recurvans* (N.) Peck
 (1) with #6886
 ditto

* 6887a. with 6886
 = *Brachythecium virulare* Bry. Eur.
 ditto

Allium tricoccum with #6881
 6888 (2)
 In Canaan Valley east of Davis, West Va. 7-8 miles between Brown & Cabin mts. at head waters of Blackwater river. Tucker Co.; July 2, 1939
 H.A. Allard.

6889 *Carex lasiflora* (L.) Rostk Schmidt
 (2) In dense woods near #6881
 ditto

6890 *Carex communis* Bailey
 (1) near #6881
 ditto

6891 *Carex intumescens* Rudge
 (2) In rich woods with #6881
 ditto

6892 *Carex communis* Bailey
 (4) On slope of Brown Mt. in dense woods with #6881
 ditto

6893 *Carex intumescens* Rudge
 (1) with #6881
 ditto

6894 *Mitchella repens*
 (1) with #6881 (full bloom)
 ditto

Carex leptomeria Torr. In Canaan valley
(new to West Va.) east of Davis, West Va., 7-8
miles, between Brown
and Cabin Mts. Tucker Co
6895 In dense woods on July 2, 1939. H.A. Allard.
141 slope Brown Mt. at head waters of Black water
above Cooper's Cabin.

6895A = Carex intumescens Rudge.

6896 Cyperus Scirpus atrovirens Muhl. ditto
11 Beyond Beaver dam
in red soil

6897 Gramineae ditto
131 wet marsh beyond Beaver dam
abundant in swamps here
pinkish panicles; attractive.

6898 Carex scariosa Schk. ditto
11 In wet soil beyond
Beaver dam near # 6897

6899 Cyperus Scirpus atrovirens Torr. ditto
121 In swamp with # 6897

6900 Cyperus Scirpus atrovirens Muhl. ditto
11 In swamp with # 6897

6901 Carex scariosa Schk. ditto
14 with # 6897

Cyperus Scirpus atrovirens Torr. In Canaan valley
east of Davis, West Va., 7-8 miles
between Brown & Cabin Mts.,
Tucker Co
6902 In swamp July 2, 1939
131 at beaver dam. H.A. Allard

6903 Riza prostratum L'Hér. ditto
11 15 pink curv. fr. red)
on rocks & ridges
near beaver dam.

6904 Hieracium aurantiacum L. ditto
11 In swamp and pastures
at end of passable road
before beaver dam is reached.
Full bloom: very abundant.

6905 Carex scariosa Schk. ditto
11 In swamp near 6902

6906 Polemonium van-bruntiae Britton ditto
131 fl. blue.
In damp soil near
beaver dam, in
thicket: fl. blue: showy

6907 Carex debilis var. ridgii Bailey ditto
131 In swamp near beaver dam

6908 Carex folliculata L. ditto
141 In swamp near # 6907

Gramineae
In swamp
at end of
hassable
6909 (1) road at
beaver dam.
In Canaan valley
end of Davis, West Va., 7-8 miles
between Brown & Cabin mts.,
Trucker Co., July 2, 1939
H.A. Allard. At head waters of
Blackwater river. An immense
swampy area, low, cut over
spruce area.

6910 *Lycopodium clavatum* L ditto
(1) on drier bank near beaver
pond in thickets - below it 2 miles

6911 *Lycopodium obscurum* L ditto
(1) Near # 6910

6912 *Lycopodium annotinum* L ditto
(1) Near # 6910

6913 *Carex humilis* (Pers.) Poir. Alt 4860 ft.
(1) at boulders at Pendleton County, July 3, 1939
top? in pasture. H.A. Allard

6914 *Carex intrumescens* Rudge ditto
(2) with # 6913

6915 *Carex humilis* (Pers.) Poir. ditto
(6) with # 6913

Carex pedicularis var. *viridula* T. of Spruce Knob,
at conglomerate boulders at top. Pendleton Co., West Va.
6916 (2) in pasture July 3, 1939. alt 4860
H.A. Allard
Bailey.

6917 *Carex intrumescens* Rudge. ditto
(2) with # 6916

6918 *Carex stipitata* Muhl. ditto
(1) in pasture near # 6916

6919 *Oxalis acetosella* ditto
(1) in woods on trail near top:
abundant, full flower.

6920 *Phlox paniculata* L ditto
(1) in thicket on trail from parking
near; showy; fl. deep rose.

6921 *Aconitum uncinatum* L ditto
(1) near # 6920 in thicket
fl. blue

6922 *Aster* *platyneuron* (L.) Oakes
(1) on ledges near River Knobs,
between the vertical walls. near Crippleville, West Va.
Pendleton Co.
July 3, 1939
H.A. Allard.

Paronychia angustifolia (Michx.) Nutt. Nelson Rocks, near
Circleville, West Va., on the
River Knobs, where are vertical
6923 *medina* sandstone walls
"1 on top of
minerals
of vertical
walls here,
July 3, 1939. Pendleton Co.
H.A. Allard.

6924 *Moss*
"1 in rocks crevices at top
near 3000 ft
= *Gymnostomum recurvirostrum* Hedw. ditto

6925 *Carex foena* Willd.
"21 Near top of vertical *Medina*
walls at base of rocks; rare here. ditto

6926 *Lycopodium obscurum* L. Dolly Sods Lookout
near Petersburg,
Pendleton Co., West Va.
"21 among rocks
around top.
alt. =
July 3, 1939
H.A. Allard

6927 *Lycopodium obscurum* L.
"31 Near # 6926 ditto

6928 *Juncus macrocarpa* (Wieg.) Hermann
"11 S. anthelatus (Wieg.) Hermann
Roadside, by roadside,
spring.
July 3, 1939
H.A. Allard

6929 *Ceanothus maculosa* Torr.
"31 Roadside; very
abundant; also very
abundant at Strasburg 1939.
H.A. Allard.
fl. pink-rose; just in bloom.

Carex vesicaria L. Lake Matagamon, Maine
In damp soil around
S. end lake;
6930 very common.
"41 Large clumps.
Tanglefoot 6, Range 8,
west of Pittsboro 30-35 miles
July 8, 1939
H.A. Allard

6931 *Carex arctata* Boott.
"11 Near # 6930; same habitat. ditto

6932 *Carex tribuloides* Wahl.
"31 Near # 6930; same habitat. ditto

6933 *Carex cranfordii* Fern.
"11 with # 6930 ditto

6934 *Carex cranfordii* Fern.
"11 with # 6930 ditto

cranfordii Fern
6935 *Carex bettarii* Olney
"11 with # 6930 ditto

6936 *Carex cranfordii* Fern.
"11 with # 6930 ditto

Carex purfordii Fern. Lake Matagamon Maine
 South end near Township 6, Range 8
 6937 *Festuca* (guide) west of Patten 35-40 miles
 " where we parked, July 8, 1939
 H.A. Allard.

6938 *Carex lenticularis* Michx.
 13) with * 6937 ditto

6939 *Spergula arvensis* L. Near Lincoln, Maine,
 12) In waste ground Lincoln Township
 around tourist (on road to Patten)
 cabin July 8, 1939
 H.A. Allard

6940 *Potamogeton* ~~gramineus~~ ^{gramineus}
 11) water plant ditto
 attached to rocks usually in cays Muencher
 water 3 ft deep opposite Ranger's
 cabin we stayed in on Anchor Point.

6941 Moss
 11) on rocks at top. Harse Mt., called by
 natives, Harse's Ass Mt.,
 at South end of Lake Matagamon
 Township 6 - Range 8. July 9, 1939
 H.A. Allard.

6942 *Fragaria vesca* L. var. *americana* Parter
 11) on cliffs at top of Harse Mt., ditto
 just ripe: fruit elongate. Doesn't look
 like the Virginia wild strawberries.

6943 *Arabis hypnoides* Hoffm. ditto
 11) on top of Harse Mt.

Potentilla ^{montana} ~~felix~~ Harse Mt., Maine.
 South end of Lake Matagamon,
 Township 6, Range 8
 6944 July 9, 1939.
 H.A. Allard.
 11) on slide near base of vertical east cliffs.

6945 *Campanula rotundifolia* L. ditto
 11) on rocks, well up on slide and
 into top: just coming into flower; blue.
 var. *intercedens* (Witasek) Farrer.

6946 *Carex humescens* (Pers.) Poir. ditto
 11) on rocks at top, thin soil,
 little barbage.

6947 *Hieracium* ~~montanum~~ ^{vulgatum} Tuck. ditto
 11) In fern thickets at head of
 ravine I climbed. Found it
 only occasional at base: abundant
 on top of North Traveller,
 Mager etc. in places: leaves
 mottled: sometimes not.

6948 *Kalmia angustifolia* L. ditto
 11) abundant at top, making thick
 thickets with low hanging blueberry ch:
 full bloom

6949 *Sphagnum* ditto
 11) In low swards - collecting
 surface at top.

6950 *Lycopodium clavatum* L. ditto
 11) In woods everywhere. and
 at top: abundant.

Campanula rotundifolia L. Horse Mt., by people here known as Horses Mt.
(on rocks, ledges maine, south end of Lake
etc at top. Matagamon Township Range 8
6951 very abundant July 9, 1939. H.G. Allard.
" in meadow; bluish blue; full bloom about
July 20: just in bloom today.
var. *intercedens* (Witasek) Fernald.

6952 *Erigeron philadelphicus* L.
" in open poplar woods east slope
middle; not abundant here; full
bloom: very attractive.

6953 *Lycopodium anolimum* L.
" in woods east slope and below
opposite camp.

6954 *Lycopodium clavatum* L.
" in woods at base: abundant.

6955 *Linnaea borealis* var. *americana* (Torrey) Reiche
" in thickets east slope: passing.

6956 water plant - fine, rounded
" leaves: in Lake Matagamon, 4 ft
deep near shore, at Anchor Point.

6957 *Carex arcta* Booth
" south end of Matagamon Lake
just east of our camp in Anchor Point
towards guide Foster's camp.

Carex prosecta Muhl. Horse Mt., Maine
in low ground south end of Lake Matagamon
east of Cabin and Trestle July 9, 1939. H.G. Allard.
6958 beside lake between Penobscot Co.
" Matagamon: abundant.

6959 *Lycopodium clavatum* L.
" in thickets and woods: abundant.

6960 *Lycopodium tristachyum* Pursh
" woods: common.
Top of mountain

6961 Gramineae
" in thin rocky soil on top
of Horse Mt.
= *Agrostis hiemalis* (Walt.) B.S.P.

6962 *Potentilla tridentata* Nutt.
" on barrens on top of Mt.
very abundant; full bloom.

6963 *Chiogenes hispidula* (L.) T. & G.
" on rocks on top: shrubby vine
in flower

6964 *Santellaria galericulata* L.
" in damp soil east of
cabin (Anchor Point) and Trestle.
abundant here.

Finagaria
on diffe at top.
6965
Top of Horse Mt., Maine
Township 6, Range 8
South of Lake Matagamon,
July 9, 1939. H.A. Allard.

(1) *Fi. vesca* L. var. *americana* Porter.

6966 *Asterium trichomanes* L.
(1) on diffe at top. etc. ditto

6967 *Woodsia ilvensis* (L.) R. Br.
(2) on talus at base of hill of and exposed. ditto

6968 *Chenopodium*
(1) on soil of upper talus slope, east. ditto
= *C. gigantospermum* Aellen.

6969 *Brassicaceae* = *Arabis drummondii* A. Gray.
(1) near top on cliffs ditto
fl. bluish white

6970 *Gramineae*
(1) Foot of talus slope ditto
= *Agropyron repens* (L.) Beauv.

6971 *Hieracium vulgatum* Fr.
(2) In open birch, tuffe woods ditto
east of road where has stayed
basal leaves not matted perhaps
because in shade. Usually grows
high up in the mountains here.

Juncus filiformis L. *Smithii* Lake Matagamon,
In wet soil near Lake Townsh. Range 8
margin
6972 (abundant)
(2)
July 9, 1939
H.A. Allard.

6973 *Ranunculus flammula* L.
(1) var. *reptans* (L.) Mey. ditto
In wet soil and mud on the lake
margin: very abundant, full flower.
H. Silliman, Trinity. *Scrup. Mnemosyne*,
of Cornell.

6974 *Carex crinita* Lam.
(1) Near # 6973; damp soil on lake's margin. ditto

6975 *Galium polytrichum* L.
(1) *aspratrum* ditto
In low ground with # 6973
fruit (C) in cross section
= *G. trictorum* L. = *humate*.

6976 *Carex trichomanis* Booth.
(2) Near # 6973 ditto

6977 *Veronica scutellata* L.
(2) with # 6973: fl. purplish: ditto
very abundant.

6978 *Carex cranfordii* Fern.
(2) In damp soil with # 6973 ditto

Carex *parvula* Booth. South end of Lake Matagamon,
Maine. July 9, 1939
in damp soil Township 6 Range 8
6979 at lake margin H.A. Allard
(2)

6980 *Carex* *trifurcata* Wahlb.
(2) in damp soil at lake margin ditto
e

6981 *Carex* *lenticularis* Michx.
(2) with # 6980 ditto
e

6982 *Brassicaceae* ditto
(1) near # 6980
bl. yellow.

Rorippa *inlandica* (Wider.) Borbas var. *hispida* (Dier.) Butcher & Pabbe.
6983 *Carex* *retrofracta* Schumacher ditto
(1) near # 6980 e

6984 *Lycopodium* *clavatum* L. ditto
(1) in woods here fairly rare.

6985 *Carex* *parvula* Booth. ditto
(1) near # 6980 e

Carex *lenticularis* Michx. South end of Lake Matagamon,
Maine, Township 6 Range 8
July 10, 1939. H.A. Allard

6986
(1) in damp soil on lake
margin in large clumps: abundant e

6987 *Carex* *retrofracta* Schumacher.
(1) near # 6986. e ditto

6988 *Carex* *vesicaria* L.
(3) in large clumps: with # 6986: ditto
abundant e

6989 ~~*Carex*~~ *juncea* Mauer ditto
(1) with # 6986 f. *williamsii* (Tern.) Heppmann e

6990 *Lygola* *multiflora* (Chr.) Ljeune ditto
(1) *affinis* with # 6986 Ljeune. e

6991 *Juncea* *maueri* S. F. Gray, ditto
(2) with # 6986 e

6992 *Ranunculus* *penesylvanicus* L. f. ditto
(1) near # 6986 date July 13

Patentilla palustris (L.) Torr. & Gray
South end of Lake Matagamon
Township 6 Range 8
July 13, 1939
6993 In bog south of lake
(2) bl. purplish.

6994 *Peltigera*
(1) (lichen)

In damp ravine
east slope.

Horse Mt., Maine
South end of Lake Matagamon,
Township 6 Range 8
July 13, 1939
H.A. Allard

6995 *Carex mugeta* Michx.

(1) Road side, damp soil foot of
east slope

ditto

e

6996 *Saxifraga atrocinctus* Fern

(2) In bog near # 6993

ditto

e

6997 *Gramineae*

(1) Top of mountain in hollow
with damp soil and sphagnum

ditto

- *Calamagrostis canadensis* (Michx.) Beauv.

6998 *Saxifraga spicata* (L.) Beauv.

(1) Thin soil at crest of mt.,
beyond ravine I climbed

ditto

6999 *Gramineae*

(2) on top of mountain near # 6998.

: *Poa flava* Vahl.

Andromeda glaucophylla Link.
In bog near Stacyville, July 14, 1939
7000 in Stacyville Plantation.
(1) Eulet w. Scribner

7001 *Juncus filiformis* L. Matagamon Lake, Maine
Township 6 Range 8
July 14, 1939
(3) on beach on ledge island, a
small island near
the ranger's cabin at Anchor Point
H.A. Allard

7002 *Pyrola secunda* L. on trail to Billfish Pond,
Maine, Township 6, Range 8
(2) In moist woods. July 14, 1939
H.A. Allard

7003 *Lycopodium annotinum* L.
(1) In moist woods by trail

ditto

7004 *Linnaea borealis*
(1) var. *americana* (Torrey) Rehd.
near 7002 ditto

7005 *Liriodendron* ~~muticum~~ Michx.
(1) var. *muticum*
waste ground. South end of
Lake Matagamon,
near Ranger cabin
and Truster's
July 14, 1939
H.A. Allard

7006 *Germ. aleppicum* Jacq. var. *strictum* (L.)
(2) near # 7005 - base of
harked car near Truster's cabin Fern.

Oenothera parviflora L. South end of Matagamon
Lake, Maine
In thickets by East Branch below old dam
7021 of Penobscot. Township 6 Range 8
July 16, 1939
H.A. Allard
"1" Tall Horn
= *O. tetragona* Roth. var. *longistipata* (H.A.) Allard
alephicum Jacq. var. (Pennell) Munz.

7022 *Gemma strictum* (Ant.) Fern. ditto
(5) In low ground thickets below
dam: fl. yellow: receptacle
white hairy

7023 *Aster ~~caeruleus~~ belgii* L. North Traveller Mt.,
east slope, above
Middle Trowler Pond.
Maine, July 19, 1939
H.A. Allard
"1" just in flower at
waterfall: violet rays.
= Township 5 Range 9
Porter Bequest

7024 *Carex flava* L. ditto
"1" at waterfall near # 7023
In water and mud here on cliffs.

7025 *Solidago auteri* Fernald ditto
"3" On crest of mountain where little
other vegetation - an open formation:
just in flower.

7026 *Panicum boreale* Nash.
"1" on gravelly bank of Middle Trowler Pond
at lower to. July 16, 1939

7027 *Cladonia*?
"1" with # 7026: on rocks.
7-19-39.

Trifolium collitric Charn. North Traveller Mt.,
Maine
on wet soil at base of
waterfall on cliffs. Middle Trowler Pond:
7028 very abundant July 19, 1939
"3" here, beautiful. H.A. Allard
= Township 5 Range 9
Porter Bequest
= *Trifolium hudsonianum* (Michx.)

7029 *Cornus canadensis* L. ditto
"2" In orig. spruce forest high up
in ravine, east slope: just in flower
here: with ripe fruit below.

7030 *Phragmites dryopteris* (L.) Koe ditto
"2" with # 7029: in dense, dark
woods, moist

7031 *Graminae* ditto
"1" In open woods, east slope below
spruce forest.
= *Cinna latifolia* (Trenk.) Griseb.

7032 *Lycopodium clavatum* L. ditto
"6" In rocky woods half way
to the spruce forest.

7033 C = *C. cristatella* f. *beauvoisii* (Del.)
Maine.

7033 Lichen ditto
"1" On soil on rocks

Cladonia?
7033 a = *Cladonia* = *C. gracilis* var. *dilitata* (Hoffm.)
Del.

7033 b = *Cladonia* = *C. deformis* f. *beauvoisii* (Del.)
Maine.

7034 Mosses ditto
"1" On log in spruce forest
in Big Black Ravine.

Lichen
(dark yellow)

7035

On spruce log
on top of mt.

North Traveller Mt., Maine
Boyer, Bepp, et al.
Township 5 Range 9
July 19, 1939
H.A. Allard.

7036 *Lycopodium arnoldianum* L.

" on top of North Traveller Mt.
in thicket.

ditto

7037 *Sphagnum*

" at water fall far up east slope
with #7028

ditto

7038 *Gramineae*: *Poa glauca* Vahl.

" on gravelly soil around
exposed cliffs.

ditto

7039 *Arnica mollis* Hook.

" at high water fall with
#7028: not abundant: full
blown.

ditto

7040 *Gramineae*.

" at top of North Traveller in moist
spots around cliffs: very beautiful
Calamagrostis canadensis (Michx.) Beauv.

ditto

7041 *Habenaria dilatata* (Pursh) A. Gray.

" bl. whitish: growing in moist
soil at water fall high up east slope
of North Traveller with #7039.

ditto

At confluence of Billfish Brook
water plant, and East Branch of Penobscot
River, dark near Matagamonch Lake,
Township 6 Range 8,
July 29, 1939. H.A. Allard.

7042

attached at base.

Spongilla lacustris
(auctorum)

(out of order in date
by mistake).

7043

Juncus macrocarpus at south end of Matagamonch
Lake. Township 6 Range 8
St. Gray. July 12, 1939. H.A. Allard.

" in red soil in
plate between camp and Foster's
(out of date order by
mistake)

7044 *Hieracium vulgatum* Turcz.

" in woods on ridges toward
Horse Mt. from our camp.

ditto ditto

7045

Solidago hispida at Middle Powder Pond
near Traveller Mt.,
Township 5 Range 9
July 18, 1939
H.A. Allard.

" on rocky banks.

7046 *Thalictrum polygamum* Muhl.

" near #7045 - damp soil /

Scarp M. near camp

ditto

7047 *Juncus baccandatus* (Engelm.) Torr.

" on red shore of pond.

ditto

7048

Lycopodium americanum Muhl.

" near #7045: abundant.

ditto

Juncea
 In red soil on
 7049 shore
 Middle Towler Pond,
 Maine, at foot of
 North Traveller Mt.
 Township 5 Range 9
 July 18, 1939
 H.A. Allard

" "
J. brevicandatus (Engelm.) Fern.

7050 *Panicum boreale* Nash,
 seeds glistering white
 on bank near leanto.
 ditto

7051 *Antennaria canadensis* Greene,
 on bank at leanto.
 ditto

7052 *Carex lenticularis* Michx.
 on bank near # 7051
 M. newnesii,
 Cornell,
 ditto

7053 *Carex cryptolepis* Mack.
 on shore of pond near # 7051
 ditto

7054 *Polygonum ^{matana} ~~confertifolium~~* L. on shore (Loag)
 Island, in
 Lake Matagamon, Maine
 July 21, 1939
 H.A. Allard.
 formerly known as Long Island, perhaps
 has 60 acres in woods; Thoreau
 camped here. T 6 Range 8

7055 *Carex laxidactyla* Wahl.
 on rocky shore
 ditto

Rhus
 first bright red when
 ripe. Pleasant.
 7056 L woods.
 " "
R. pubescens Raf.
 Thoreau Island,
 Lake Matagamon, Maine
 July 21, 1939
 H.A. Allard.
 Township 6 Range 8

7057 *Galium asprellum* Michx. ditto
 on rocky soil on beach.

7058 *Moss*
 on rock on beach.
 Leaf tips white, harshment like.
 (Very pretty species.)
 ditto

7059 *Asplenium subsecundum* (Link.) Hitchc.
 (Gramine)
 on rocky beach and on cliffs.
 ditto

7060 *Urtica ulmifolia* (L.) R. Br.
 on cliffs; abundant here.
 ditto

7061 *Rumex crispus pennsylvanicus* L.f.
 on rocky bank.
 ditto

7062 *Acer rubrum* L.
 L woods; abundant.
 ditto

~~afocymma~~
androsaemifolium \neq ^{Therac Island}
Lake Matagamon, Maine
Township 6 Range 8

7063 abundant on July 21, 1939
" beach: ~~erect~~ H. G. Allard
in Maine: full flower.

7064 *Salix cordata* Muhl.

" Sandy soil, on beach: young trips
in flower

7065 Gramineae.

" On rocks on beach
Purple panicles: atheris
= *Poa palustris* L.

7066 *Salix cordata* Muhl.

" on beach: abundant

7067 *Carex crassifolia* Fern.

" on beach

7068 *Salix pellita* Anders.

" on beach; lower white silky
beneath

7069 *Achillea incarnata* L.

" Large colony on south beach.
full flower: very showy with deep
red fl.

Runnel

on beach.

7070

"

= *R. bithanica* L. possibly, but sterile
says Muench.

7071 Brassicaceae

"

on beach near # 7070
fl. yellow.

= *Rorippa islandica* (Oeder) Barboz var. *hispida* (Desv.)
Bentham & Hook.

7072 *Antrostaphylos ma-mai* L., Spreng

"

on rocky beach.

7073 Gramineae

"

(3) on beach - scattered
narrow, slender spikes, like timothy.
= *Alopecurus aequalis* Sobol.

7074

"

Anaphalis margaritacea

on beach: abundant: just in flower

7075 *Phyopteris polypodioides* Fee

"

in woods.

7076 *Galium tinctorium* L.

"

on beach:

Vaccinium canadense Kalm. On Thoreau Island,
In woods: abundant
7077 fr. ripening. T6 R 8
July 21, 1939
H.A. Allard

7078 ~~*Antennaria racemosa* (L.) Spreng~~
In woods: fruit ripening.
Vaccinium vitis-idaea L.

7079 *Carex tuckermanni* Benth.
(2) on beach: clumps: abundant.

7080 *Scutellaria galericulata* L.
(2) On beach:

7081 *Hypericum virginicum* L.
(1) On beach:
(plants almost crimson throughout)

7082 *Carex cranfordii* Fernald
(1) On beach

7083 *Sium cicutifolium* L.
(1) On beach: sparse plant.
fl. white.

Aster ericoides ?

7084 On beach
(2)

= *A. tradescanti* L. says Blake, S.F.

7085 *Brassicaceae*
(1) On beach

Cardamine parviflora L. var. *arenicola* (Britt.)
O.E. Schulz.

7086 *Lysimachia terrestris* (L.) B.S.P.
(1)

On beaches, damp soil.
very showy in dense areas.

7087 *Adiantum alpestre*

(1) On wooded banks.
(11) In tundra.

7088 *Carex haydenii* Sney
(1) On beach

7089 *Carex lenticularis* Michx.
(1) Near # 7088

7090 *Juniperus communis*
(1) var. *depressa* Pursh.
on rocky tundra.

On Thoreau Island
Lake Umbagog, Maine
T6 R 8
July 21, 1939
H.A. Allard

Arctostaphylos uva-ursi L. On Thoreau Island,
Lake Umbagog, Maine
on rocky bank 5/16 - Range 8, July 21, 1939
H.A. Allard.

7091

"

7092 *Juncea filiformis* L.

"

on beach: abundant

ditto

7093 *Carex crassifolia* Torr.

"

on beach

ditto

7094 *Carex crassifolia* Torr.

"

on beach

ditto

7095 *Sentellaria gabriellata* L.

"

on beach

ditto

7096 *Suaeda stricta* Torr.

"

on beach

ditto

7097

"

Cornus stolonifera Michx.
on shore *racemosa* L.

ditto

Aster erioideus L.

On Thoreau Island,
Lake Umbagog, Maine

on rocky shore, T6 R 8

7098

just in flower.

July 21, 1939

H.A. Allard.

(4) = *A. tradescanti* L. says S.F. Blake.

7099

Epilobium coloratum L.

on beach

ditto

= *E. glandulosum* Lehm. var. *adenocaulon*
(Hauke) Torr.

7100 *Campanula rotundifolia* L.

"

on rocks.

ditto

var. *intercedens* (Watsch) Torr.

7101 *Hypericum virginicum* L.

"

on beach: plants red.

ditto

var. *fraseri* (Speg.) Torr.

7102 *Mentha arvensis* L.

"

on beach

ditto

7103 *Simuliacifolia* L.

"

on beach: s. suave Walt.

ditto

7104 *Potentilla monspeliensis* L.

"

on beach

ditto

Sparganium latifolium (L.) Pers. ^{in Thoreau Island}
on bank. In Lake Matagamon, Maine,
7105 T6 R 8, July 21, 1939
Full bloom H.A. Allard

^{marsh.}
7106 *Rosa palustris* ^{junction of Millfish Brook}
^{with East Branch of Penobscot,}
In swamp: Maine, near Lake Matagamon
T6 R 8, July 22, 1939
full bloom H.A. Allard

7107 *Myrica gale* L.
In swamp. ditto
(1)

7108 *Scirpus atrocinctus* Fern.
In swamp with # 7107 ditto
(1)

7109 *Salicaria undulata* (L.) Link.
In mud along brook ditto
(5)

7110 *Carex cryptolepis* Mark.
In red soil by brook ditto
(10)

7111 Gramineae
In moist soil along brook ditto
Calamagrostis canadensis (Michx.) Beauv.

Carex arifolia Boott. ^{junction of Millfish Brook}
red soil by brook. ^{with East Branch of Penobscot,}
7112 Maine, south of Lake
Matagamon, July 22, 1939
T6 R 8. H.A. Allard

7113 *Myrica gale* L.
In swamp ditto

7113A = *Populus tremuloides* Mill.

7114 *Salix verticillata* L. Gray.
In swamp with # 7113 ditto
(1)

7115 Gramineae
In low ground near # 7113, ditto
= *Glyceria canadensis* (Michx.) Trin.

7116 *Scirpus atrocinctus* Fern.
In swamp near # 7113 ditto
(1)

7117 *Eleocharis palustris* (L.) R. & S.
In mud & water by brook ditto
(3)

7118 Ribbon-like water plant
attached to bottom in water ditto
2-3 ft deep
Putamogeton epiphyllum Raf. says Muench.

7119 Floating plant with small white fls., ^{at junction of} ~~leaves~~ linear, whorled. ^{bullfish brook} attached below whorled in ^{with East Branch} brook ^{of Penobscot, Maine} south of Lake Matagamon, T. 6 R. 8. July 22, 1939. H. A. Allard.

7120 (1) water plant attached to bottom, floating above, but not on surface in water several ft deep. ditto
= Potamogeton granivorus L. var. says Mnemchen.

7121 Betula alba, ^{South end of Lake Matagamon,} ^{Maine} var. papyrifera Marsh. at our cabin (range is on Anchor Point) (more white bark.)

7122 Carex pennsylvanica Lamour. (1) ^{collected} ^{Identified by T. J. Hermann} about 5 miles down East Branch of Penobscot River, Maine, south of Lake Matagamon, T. 6 R. 8, July 23, 1939. H. A. Allard.

7123 Lofelia inflata L. (1) Near # 7122 in grassy clearing ditto with Mt. Magee looking off west.

7124 Thuja occidentalis L. On Lake Matagamon, Maine, south end. (1) Dwarfed to 2-3 ft. T. 6 R. 8. July 23, 1939. H. A. Allard. near warden's cabin. ^{check for a tree}

7125 Pinus resinosa Ait. (3) at cabin on Anchor Point. ditto very rocky, sterile & several thin trees here. May several specimens of P. rigida, ie long cones etc.

Pinus banksiana Lamb. South end of Lake Matagamon, Maine. at warden cabin on Anchor Point; several good trees here: here appearance of P. virginiana of south. T. 6 R. 8. July 23, 1939. H. A. Allard.

7127 Habenaria psychodes (L.) Spreng. (3) along River near # 7122. H. A. Allard. ed # 7123: fl. deep rose. same date full bloom or wing into July 23.

7128 Cornus stolonifera L. ^{South end of Lake} ^{Matagamon, T. 6 R. 8.} (1) ^{at warden cabin: July 23, 1939} ^{H. A. Allard.} racemosa Lamour. in low flat just east of Anchor Point. fruit thick lead to white.

7129 Salix lucida Muhl. (1) with # 7128 ditto

7130 Salix cordata Muhl. (3) Near # 7128 ditto

7131 Salix ~~prostrata~~ ^{hebbiana Sarg. = Coret} ^{Bebbiana Sarg.} ^{Richardsoni} (2) Near # 7128 ditto

rest of cabin has been seen at end of inlet.

7132 Gramineae (1) ^{South of Lake Matagamon} ^{on right bank of East Branch} ^{of Penobscot (down)} ^{T. 6 R. 8; July 25, 1939} ^{H. A. Allard} near Walker's camp. = Cinna latifolia (Trin.) Griseb.

Mimulus ringens L. South end of Matagamon
Lake, Maine, T6 R8
July 25, 1939. H.A. Allard.

7133 Low ground east of Anchor Point
(2) here ranger cabin stands. Toward
Traster's camp. → E



7134 Spiraea latifolia (L.) B.S.P.
(2) near # 7133
(Full bloom)

ditto

7135 Veronica scutellata L.
(3) In red soil east of cabin in
blaze here

ditto

7136 Galium ^{tinctorium} ~~palustre~~ L.
(2) In low ground east of ranger
cabin, near # 7133

ditto

7137 Mentha arvensis L.
(2) Near # 7133
(damp soil)

ditto

7138 Simula ~~vicinifolia~~ ^{vicinifolia} Schreb.
(1) near # 7133, S. square wall.

ditto

7139 Lobelia inflata L.
(1) Near # 7133 = L. inflata L.
Long ground. says McVaugh who
ident. all Lobelia.

ditto

Lycopodium americanum South end of Lake Matagamon,
Maine, T6 R8
July 25, 1939. H.A. Allard.

7140 Low ground east of cabin
(2) between it and Traster's
abundant: full bloom.

7141 Lysimachia terrestris (L.) B.S.P.
(2) Low, ground, open, very
beautiful: near # 7140.
Very abundant, yellowing its leaves.

ditto

7142 Mentha arvensis L.
(2) Heads in leaf pile
with # 7141

ditto

7143 Ranunculus pennsylvanicus L.f.
(2) with # 7141: abundant - edge of
thicket here.

ditto

7144 Saxifraga atrocinctus Torr.
(1) with # 7141

ditto

7145 Scutellaria galericulata L.
(1) In open low ground with
7141: abundant.

ditto

7146 Plantago ^{majus} ~~media~~ L. says
(4) In low, open ground
around Lake shore here
with # 7141: abundant.

ditto

Alopecurus aequalis South end of Lake Matagamon,
Maine, T6 R 8,
July 25, 1939

7147 In red soil H.A. Allard
(2) near water's edge
at south end of lake between warden's cabin
and roaster's (halfhead guide)
just in bloom.

7148 *Hypericum virginicum* L.
(1) Plants red: in damp soil ditto
with # 7147 July 25

7149 *Bromus ciliatus* L.
(3) In same low meadow with # 7147 ditto
July 25

7150 *Cornus stolonifera* Michx.
(2) In low ground with # 7147 ditto
(fruit whitish, hazy) Date July 26

7151 *Viburnum cassinoides* L.
(2) Near # 7147 ditto
July 26, 1939

7152 *Heracleum lanatum* Michx.
(1) Leaves of fruit of same plant
in waste ground where we parked
car; near old dam at
Foster's (halfhead guide) ditto

7153 *Lactuca canadensis* L. var. *integrifolia* (Pursh) A. Gray.
(1) with # 7152: abundant;
full bloom. ditto
L. canadensis L. var. *integrifolia* (Pursh) A. Gray.

Lactuca canadensis L. South end of Lake Matagamon,
Maine, T6 R 8,
July 26, 1939

7154 (at car where we parked near old dam
(1) near Foster's (halfhead guide)
var. *integrifolia* (Pursh) A. Gray.
fl. yellow: very abundant on
roadside etc. just in bloom.

7155 *Lactuca spicata* (Lam.) Hitch.
(1) fl. & leaves of same plant. ditto
fl. blue, with # 7154
abundant on roadside; just
in mid bloom

7156 *Lactuca canadensis* L.
(1) Leaves & flowers of one plant:
fl. blue 7155 ditto
same sp. as # 7155

7157 *Labiatae*
(1) Near # 7155 ditto
Takopsis tetrahit L.

7158 *Lactuca canadensis* L. var. *integrifolia* (Pursh) A. Gray. ditto
(1) var. *integrifolia* (Pursh) A. Gray.
with # 7154; same sp.
(one plant; fl. yellow).

7159 *Sabicea lucida* Michx.
(3) near old dam where we
parked car. ditto
muticum Michx.

7160 *Cirsium arvense*
(2) var. *vestitum* (Rim.) & Corab. ditto
Near old dam in waste
ground, with # 7154; very common
everywhere.

~~Galium palustre L.~~ ~~timetorum L.~~ ~~near old~~ ~~dam, in low ground,~~
Smith end of Lake Matagamon, Maine,
T6 R 8, July 26, 1939
H.A. Allard

7161

(1)

heilita And.

7162

~~Sahip candida~~ ~~Flügg.~~

(2)

On inlet where bear od cubes
chased me; ie west of warden's cabin
leaves fine lustrous, silky beneath:
very beautiful.

ditto

7163

~~Solidago canadensis L.~~

(2)

with # 7162

ditto

7164

~~Sahip Bebbiana Sargent.~~

(1)

In low ground where bear cubes
ran; very hairy leaves beneath.
sp = 2.

ditto

7165

~~Sahip sericea Marsh.~~

(1)

Leaves darker in drying.
with # 7162

ditto

7166

~~Scirpus cyperinus (L.) Kunth.~~

(2)

with # 7162

In low ground with ridge just west a
few hundred feet where mother bear od
cubes were disturbed, and turned upon me.

ditto

7167

~~Scirpus atrovirens~~

(2)

with # 7166

var. ~~brachypoda~~ ~~Tern.~~
= ~~dur.~~

ditto

~~Galium triflorum~~ ~~Smith end of Lake Matagamon,~~
Maine, T6 R 8,
July 26, 1939
H.A. Allard.
In woods near the bears
see; west of Anchor Point.

7168

(2)

7169

~~Aster tradescanti L.~~

(1)

fl. white
in low ground.
Near # 7162

says. S.F. Blake.

ditto

7170

~~Gramineae~~

(2)

In small just east of warden-cabin
where Dr. Brander dug for earth worms.
ie between the cabin and Master's (half-breed guide)
= ~~Calamagrostis canadensis (Michx.) Beauv.~~

ditto

7171

~~Gramineae~~

(1)

On dry soil at cabin on Anchor
Point. ~~Agrostis hiemalis (Walt.) B.S.P.~~

ditto

7172

~~Gramineae~~

(1)

In small east of Anchor Point -
ie with # 7170
= ~~Poa palustris L.~~

ditto

7173

~~Sim. ciutae-folium~~ ~~Schrank~~

(1)

with # 7170
= ~~S. suave Walt.~~

ditto

7174

~~Scutellaria galericulata L.~~

(2)

with # 7170

Lysimachia terrestris L. South end of Lake
Matagamon, Maine.
T 6 R 8

7175 In soil
between ranger cabin H.A. Allard.
H. and Foster's (half breed guide)

7176 *Lycopodium americanum* Muhl.

(1) with # 7175

ditto

7177 *Ranunculus pennsylvanicus* L.f.

(7) with # 7175

ditto

7178 *Carex trifurcoides* Vahl.

(2) In low ground near # 7175

ditto

7179 *Mimulus ringens* L.

(1) with # 7175

ditto

7180 *Hypericum ellipticum* Hook.

(1) with # 7175

ditto

7181 *Mentha arvensis* L.

(1) with # 7175

ditto

Cremora

On right bank of
East Branch of Penobscot about
 $\frac{1}{2}$ mile below old dam and
Lake Matagamon. T 6 R 8.

7182

(1) July 25, 1939
Near Fred Walker's
camp (guide) H.A. Allard.
(out of date order by mistake)
Cinna arundinacea L.

7183

(1) Brassicaceae
fl. yellow. Near Walker's camp.
Brassica campestris L.

ditto

out of date order by
mistake: July 25

7184 *Juncus macrocarpa* S.F. Gray.

(1)

date
July 25

ditto

7185

(2) *Saxifraga*
amotignum
in woods at foot. Magee Mt., Maine.
T 5 Range 9,
July 27, 1939.
H.A. Allard.

7186 *Ledum groenlandicum* Oeder

(2) on wet: capitate white from base.
Past bloom.

ditto

7187 *Potentilla tridentata* Ait.

(3)

very abundant in bare areas on
top of hill bloom.

ditto

7188

(1) Compound leaves
Near same low slope.
Looks like an *Aralia*.
Aralia racemosa L.

ditto

Alnus crispa (Lit.) Presl. Magee Mountain, Maine,
T5 R 9. July 27, 1939
H.A. Allard
7189 (31) well up slope, damp soil.

7190 Gramineae *Muhlenbergia racemosa* (Michx.) B.S.P.
(21) well up slope among rocks. ditto

7191 *Salix Bebbiana* Sargent.
(2) lower pole, hairy beneath
at foot of Magee Mt. on Magee Brook ditto

7192 *Scirpus atrovirens* Muhl. South end of Lake
Matagamor, Maine.
(11) var. *trachypodus* Tuckerm. T6 R 8
min. soil July 26, 1939. H.A. Allard.
near base of head Out of date specimen.
me. (see # 7166 & 7167) ditto

7193 *Aster acuminatus* Michx.
(11) of Mt. Magee
near top in open ravines ditto

7194 *Amelanchier discolorata* (Michx.) Presl.
(21) *bartramiana* (Tuckerm.) Roem.
in ravines near top.
in green fruit ditto

7195 shrub on top of Mt. Magee,
(11) bare areas, dense, prostrate;
brist reddish; leaves small
not common. *Vaccinium vitis-idaea* L ditto

Populus balsamifera L. Magee Mt., Maine,
toramahiara Mill. T5 R 9.
green top. July 27, 1939
H.A. Allard
7196 (11)

7197 *Solidago cutleri* Fernald ditto
(11) in open soil at atop;
abundant; full bloom.

atropurpureum Tuckerm. & Wieg.
7198 = *Empetrum nigrum* var. *maritimum* ditto
(31) *Indum prostratum* Michx.
at top in open, gravelly soil
Not common, fruit reddish.
not much taste. allard. ditto

7199 *Alisma longipes* Goldie? ditto
(21) *Stellaria-like* plant.
Bark of boulder, damp soil, well
up mountain. rare = *Stellaria longifolia* Mill.
capitules erect, shining,
nearly black.

7200 *Epilobium glandulosum* Lehm.
(11) var. *adenocaulon* (Hornem.) Tuckerm.
in damp hollow ravine
well up mt. ditto

7201 *Cetraria islandica*
(15) On top of mt in bare, exposed
soil, gravel etc; very abundant
drier growth form than var.
material; more compact. ditto

7202 Lichen
(13) *Cladonia*? ditto
silvery white; dense masses
very abundant.

Lichen
7203 on rocks etc.
sibery gray.
Tof of Onogee Mountain, Maine,
T5 R 9
July 27, 1939
H.A. Allard.

7204 Lichen
on soil near # 7203
Much branched, whitish; Cladonia?
ditto

7205 Cladonia
on soil near # 7203 at top
ditto

7205a - Red lichen on cliffs (chale).

7206 Beltrigera
on rocks at top near # 7203
ditto

7207 Campanula rotundifolia L.
var. intercedens (Watsch) Fernald.
in meadow near top of hill.
mit: very abundant, beautiful,
full bloom, fairly blushing the leaves here.
ditto

7208 Antennaria vulgaris L.
in waste ground.
Medway, Maine
July 28, 1939
H.A. Allard.
Penobscot Co.

7209 Ericophorum
in Kelley Bog in Penobscot Co.
Siberia Road
July 28, 1939
H.A. Allard.
near Starayville, Maine.
viridicarinatum Fern.

Valeriana uliginosa
7210 (2)
Near Starayville, Maine,
Penobscot Co.,
in Kelley Bog, on
Siberia Road. July 28, 1939
H.A. Allard.
ditto.
under ~~arbutus~~ vital, spruce etc.
a coniferous bog.

7211 Carex paupercula Michx.
with # 7210
ditto

7212 viney; rounded leaves with
a few teeth; no fl. or fruit
ditto

in bog with 7210,
Linnaea borealis L. var. americana (Pursh) Reiche.

7213 Carex leptalea Wahl.
fine, delicate species
with # 7210
ditto

aleppicum Jacq. var.
7214 Geum strictum (Ait.) Fern.
fl. yellow.
with # 7210; full bloom.
ditto

7215 Carya glabra (Mill.) Sweet
On edge of woods above
high ~~proposed~~ edge field
here demarcated quadrat was
made.
Bull Run Mt. Va
South of Hagerell Gap
Aug. 6, 1939
H.A. Allard.
Fauquier Co.

7216 Carya glabra (Mill.) Sweet
On brook from Riley's Spring
where all the Cedars are in old field.
where yellow violet green.
ditto

Carya cordiformis (Wang) Bull Run Mt., Va.
South of Hagerell Gap.
August 6, 1939

7217 *Edge of thicket* H.A. Allard
(4) in field near where rare Black gum
fungus was found, ed. running N & S.
toward bare areas. e

7218 *Liriodendron tulipifera* L.
(4) Edge of woods at top of high browed edge
field beyond denuded gradient. ditto e

7219 *Quercus palustris* Muench
(2) Beside # 7217 ditto e

7220 *Carya alba* (L.) K. Koch
(4) Growing near # 7218 -
where heavy woods begin ditto e

7221 *Meritha spicata* L.
(1) In small S. of Hagerell Gap
just west of Hagerell to River Run highway
near black walnut grove & old cabin
; abundant here. ditto e

7222 *Hypericum multilucens* L.
(2) In same low ground area
with # 7221: ditto e

7223 *Eragrostis spectabilis* (Pursh) Steud
(2) Perennial.
In bare soil area S. of Hagerell Gap
soil being studied in pots at Arlington, Va. ditto e

Sabatia angularis (L.) Pursh Bull Run Mt., Va.
S. of Hagerell Gap
In old field west of shore
7224 diseased black gum on road
(2) bond August 6, 1939
Full bloom; deliciously
fragrant; abundant; showing here. e
H.A. Allard
Tangier Co

7225 *Spiranthes gracilis* (Bigel.) Beck
(1) In old browed edge field
just beyond diseased black gum
near # 7224 ditto e

7226 *Helianthus* ~~terrestris~~ L.
(3) Edge of thicket near # 7224 ditto e
Silphium trifoliatum L.

7227 *Cassia micrantha* L.
(1) (fl. small) In old browed edge
field beyond Castello's old
stone crusher; after in high
browed edge field. abundant full bloom ditto e

7228 *Crotalaria sagittalis* L.
(2) In old browed edge field
near # 7226 ditto e
full bloom;

7229 *Rhus copallina* L.
(3) In old browed edge field
near # 7226; abundant: ditto e
full bloom

7230 *Asclepias incarnata* L. (Pursh)
(3) var. *pulchra* (Ehrh.) Pers.
var. *pulchra*, (Ehrh.) Pers. since
on Triassic area near Antioch,
Ky roadside. ditto e
William Co

(81) *Asclepias verticillata* L. Bull Run Mt., Va
Aug. 6, 1939
7231 on roadside near Smith of Hagerell Gap
(8) Antioch, Va H.A. Allard
Prince William Co

7232 *Prunus americana* Marsh ditto
(1) In thicket south of Hagerell Gap
near young cedars beyond Tangier Co
Riley's brook: fruit red: ripe. e

7233 *Leskea deggettii* var. *moniliformis* (Bickn.) Hodge. ditto
(1) Near # 7232: old field. e

7234 *Rosa carolina* L. ditto
(1) In high wooded field
near denuded quadrat: Tangier Co
scattered throughout this field. e

7235 *Calium* ~~*ciliatum*~~ ^{*villosum* Nutt.} ~~*pubescens* Michx.~~ ditto
(1) In high wooded field
near # 7234 e

7236 *Pyrenanthemum fleunosum* (Walt.) B.S.P. ditto
(1) In high wooded field
with # 7234 e

7237 *Quercus palustris* Michx. ditto
(2) South of Hagerell Gap: young
trees in radiating high wooded
field where denuded quadrat was made. e

Salix nigra Marsh. Bull Run Mt., Va
South of Hagerell Gap.
August 6, 1939
7238 Near springy place H.A. Allard
(2) S. of Hagerell Gap Tangier Co
where young cedars are thick e

7239 *Acer negundo* L. ditto
(3) South of Hagerell Gap near
decayed Black Gum tree p

7240 *Sida spinosa* L. ditto
(2) Below Castell's at
gateway over pastures to
Riley's cabin e

7241 *Mentha spicata* L. ditto
(2) In small S. of Hagerell Gap
near big Black gum tree
was: near old cabin: full bloom. e

7242 *Cyperus filiculmis* Vahl. ditto
(1) In old wooded field
in roadway toward
Riley's cabin from Hagerell Gap
road

7243 *Spiranthes gracilis* (Bigel.) Beck. ditto
(1) In wooded field where
decayed Black gum stands:
west of High Point Ridge.
Full bloom here: scattered. e

7244 *Glycyx virginicus* L. var. *intermedia* (Vasey) Bickn. ditto
(1) a big clump (perennial) in
Allard's further ditch. e
Arlington, Va
Aug. 11, 1939. H.A. Allard.

~~Hesperis~~
Ludwigia alternifolia L. Bull Run Mt., Va.
Fauquier Co.
August 6, 1939
7245 In ditch in
swale, along
brook from Hark walnut grove west
of Hagerell to Broad Run Station
highway. e

7246 *Pirostoma myrsae* Marsh. - Bull Run Mt., Va.
many) Leaf spot on young Hark Fauquier Co.
junior *Myrsine sylvatica* Marsh Aug. 14, 1939
beyond large oak west slope H.A. Allard.
High Point Ridge; tree 20 ft high, young
75-80% of all leaves spotted - sometimes 5-6
leaves in each cluster; or all.

7247 *Oxalis stricta* L. Bull Run Mt., Va.
(yellow) ang. 14, 1939
in cut-over area beyond Riley's spring H.A. Allard
the sandstone hill is. Fauquier Co.

7248 *Cassia nitida* L. e
31 at end of cliffs and quarry
at Castell's edge of field ditto
here: very abundant; full e
bloom

7249 *Microstylis unifolia* (Michx.) BSP ditto
11 In pine woods near end of
Castell's quarry ridge, west of
Riley's cabin: my first find

7250 *Umbellifer Anglica villosa* (Walt.) BSP. ditto
11 In woods where struck by yellow
jackets, at base of High Point
ridge for Castell's quarry ridge. e

7251 *Lafedeya hirta* (L.) Hornem. v. ditto
11 In woods on trail from
High Point cliffs to turn off to
Castell's ridge; very abundant on
dry ridges. e

Carex virescens Muhl. Bull Run Mt., Va.
Fauquier Co.
On High Point cliffs August 14, 1939
7252 on shelf. H.A. Allard
South of Hagerell Gap

7253 *Phyopteris hexagonoptera* (Michx.) Chr. ditto
14 *Dryopteris*
In woods below High Point cliffs (west)
abundant here in patches. e

7254 *Adiantum pedatum* L. e ditto
131 near # 7253 in moist,
heavy woods: abundant locally

7255 *Germ canadense* Jacq. ditto
121 Near old barn in lowest grass
west slope below High Point:
abundant here: rank growing e

7256 *Oxalis europaea* f. *apnosa* (Small) neg ditto
31 yellow f. e
Near # 7255: in old
cut-over here

7257 *Eragrostis spectabilis* (Pursh.) Steud. ditto
121 Near swale where Hark walnut
are, in road of Hagerell to Broad Run Station
highway. e

7258 *Cirsium discolor* (Muhl.) Spreng. ditto
11 In swale at Hark walnut grove
near # 7257: abundant,
full bloom. e

Hypericum polifolium L Bull Run Mt., Va
Fauquier Co
In pasture South of Hoperell Gap
7259 at Hoperell Gap August 14, 1939
11 Trees beside brook. H. G. Allard
S. of Hoperell Gap
West of Hoperell to Broad Run Station highway

7260 *Panicum anceps* Michx.
Gramineae
151 In large dense areas in
damp soil; near # 7259
Now in its prime.

7261 *Desmodium illinoense* Darl.
Leguminosae
14 In small near # 7259

7262 *Agrimonia parviflora* Nutt
13 In small with # 7259, also
black walnut grove is, and very
abundant south of old cabin here - in
a pine stand: full bloom.

7263 *Mentha spicata* L
11 In wet ground small
with # 7262

7264 *Cyperus strigosus* L
131 In same small with 7262

7265 *Scirpus polyphyllus* Vahl.
131 In same small with # 7262

Rudbeckia laciniata L Bull Run Mt., Va
Aug. 14, 1939
In small near old
cabin and black walnut grove
7266 S. of Hoperell Gap and west of H. G. Allard
151 Hoperell to Broad Run Highway South of
Hoperell Gap.
abundant; full bloom.

7267 *Cuscuta indecora* Choisy.
161 In *Impatiens biflora* Walt and
Polygonum sagittatum L
In same small with # 7266:
very abundant here in these plants.

7268 *Impatiens biflora* Walt
11 With # 7266: small covered
with this: full bloom.

7269 *Spiranthes gracilis* (Bigel.) Beck.
11 In wooded pasture where
black gum # 7246 with dense is

7270 *Desmodium grandiflorum* (Walt.) DC
11 In woods west slope below
High Point cliffs; full bloom.
= *D. acuminatum* (Michx.) DC.

7271 *Crataegus margaritella* Ashe
11 In old wooded field
near denuded quadrat (high
wooded field)

7272 *Oenothera biennis* L
11 Near Riley's old cabin
beyond Castello's
= *O. biennis* L.
= *O. biennis* L.

Paspalum pubescens Muhl. Bull Run Mt., Va.
Fauquier Co.,
near Riley's old cabin August 14, 1939
7273 beyond Castellons, in old field H.A. Allard.
south of Hagerell Gap.
(1)

7274 *Cyperus florescens* var. *proserpinaciformis* Fern.
(1) at spring beside highway #55 ditto
at Thoroughfare Gap, Aug. 14, 1939
Fauquier Co.
(wet soil) H.A. Allard. e

7275 *Juncus subcaeruleus* Engelm. For. Preschke
(2) with # 7274 at same ditto
red spot near spring overflow e

7276 *Quercus montana* Willd.
(2) on High Point cliffs. ditto
Most abundant oak in Bull Run Mts. e

7277 *Pinus pungens* Lam.
(1) on cliffs at High Point. ditto
e

7278 *Pinus virginiana* Mill.
(1) with # 7277 ditto
e

7279 *Cladonia*
(1) on ground,
C. grayi f. *aferrans* Asakura
contains *stryganic acid*
P+.
North Mountain, near Sugar Knob,
Hardy Co.,
August 24, 1939
H.A. Allard
on trail from
to Sugar Knob - 3000 ft

Peltigera
Sphagnum
North Mt., West Va.,
near Sugar Knob,
Hardy Co. Aug. 24, 1939
H.A. Allard.
7280 in springy place
near turn right to
(1) Ariation Tower.

Is this the other moss?
Plus Anlaconium palustre (W. & M.) Schum.

7281 Moss = *Hypnum imponens* Hedw.
(2) near # 7280, also " = 7281A ditto
at spring (walled in)
Pine growth on banks; beautiful.

7282 *Oxalis*
(4) yellow. to ariation tower
In cut over path near Trout Run
is extremely stunted small
& leading to ariation tower.) ditto

7283 violet (blue) lat. petals not bearded
(1) with # 7282 ditto

7284 *Muhlenbergia*
(1) with # 7282 ditto

7285 *Helianthus decapetalus* L.
(2) near # 7282 ditto

7286 *Panicum*
(1) on ledges in cut over path
ad well of slope to ariation tower. ditto

Sorbus americana Marsh North Mountain, West Va.,
leaves for normal variation tower,
7287 mature tree #7287 Hardy Co., Aug. 24, 1939
H.A. Allard
These showing wane, irregular dentation
from sprouts from understory #7287 a
note marked differences,

7288 *Callorhiza odontorhiza*
In oak woods at edge of
Bear oak contact near aerial
tower; abundant here
full bloom.

7289 *Hieracium paniculatum* L.
In road at turn off right
on crest of ridge from Sugar Knob trail
to aerial tower; abundant; full bloom.

7290 *Prenanthes trifoliata* (Cass.) Fernald
with # 7289 ditto

7291 *Solidago puberula*
On same road with # 7289,
and on dry sandy soil to Sugar Knob
before turn off to steel aeronautic tower.
full bloom

7292 *Eupatorium purpureum*
var
Low, leaves fern, coarsely serrate
Near # 7289 ditto

7293 *Solidago arguta* Nutt.
On Sugar Knob trail well up
toward crest of ridge ditto
see last page for masses 7447, 7447 a, b,
c, d and e.

Peltigera (shiny gray) North Mountain, West Va.
Hardy Co. on trail
Moss on soil near spring near
crest of ridge, near summit highway to
7294 Sugar Knob, Aug. 24, 1939
H.A. Allard.

7294 A = *Thuidium recognitum* (Hedw.) Lindb.
plus *Leucobryum glaucum* (Hedw.) Schimp.

7295 *Onoclea laticifolia* var. ditto
Near wall in spring
near top of ridge on Sugar Knob trail.
very abundant; full fruit.

7296 *Cladonia cristatella* f. *beauvoisii* (Del.) ditto
Branched, with red apothecia
on soil near # 7295

7297 *Lespedeza hirta* (L.) Hornem ditto
Near 7291. On dry
sandy slope with much hem oak half
way up slope.

7298 *Angelica villosa* (L.) B.S.P. ditto
On trail well up where hem oak
thicket begins - with # 7297,
at the lead-off to Half Moon shelter.

7299 *Osmorhiza* ditto
with # 7297

7300 *Polygala* ditto
Near old house site well
down trail - 1/2 mile from
Trout Run.

Panicum
(very hairy)

7301

(2)

North Mountain, west Va.
Hardy Co., west slope
on trail from Wardenville
highway to Sugar Knob.
August 24, 1939
H.A. Allard.

7302 *Pyrenantherum*

(1)

Leaves very white beneath

near #7300, in opening near
old house site

ditto

7303 *Eupatorium altissimum* L

(10)

on steep rocky sloping outcrops

just S. of Strasburg, Va., Shenandoah Co.

August 24, 1939. H.A. Allard. very

abundant here: just in

7304 *Euphorbia dentata*

(4)

var *euphostemma* Engelm.

with #7303.

ditto

7305 *Polypodium ~~maculatum~~* L

(2)

on roadside bordering flood plain

of Shenandoah at steel cliffs S. of

Strasburg: very abundant in rich soil here.

ditto

7306

(11) *Euphorbiaceae*

Near #7304

ditto

7307 *Rudbeckia*

(11)

Near #7304

ditto

Populus

species?

just south of Strasburg, Va.
August 24, 1939
H.A. Allard.

7308

(3)

Don't fit any species.

at cliffs near #7305

7309

(1)

Scutellaria brachiatum L. B.S.P.

Near #7308

ditto

7310

(3)

Abutilon theophrasti Mill. Bull Run Mt., Va.
Fauquier Co.

August 27, 1939. ditto

on roadside S. of Hagerell Gap H.A. Allard.

near old house at Bull Run station highway

7311

(5)

in mud & red soil by

brook, west of Belts

in alder thicket

fl. white: my first record here: abundant here.

ditto

7312 *Cuscuta isadeura* Choisy.

(1)

on *Ambrosia artemisiifolia* L.

in old field N.W. of Belts, 1 1/2 miles

N. of Hagerell Gap

ditto

7313 *Vernonia glauca* (L.) Willd.

(1)

in open woods (pine) N. of

Belts 3/4 mile, at edge of

burned area on high knob near

Halfway

ditto

7314 *Desmodium paniculatum* (L.) D.C. L

(1)

with #7313: in thin pine

woods marking extension north of

pasture N.W. of Belts.

ditto

Rubra eupatorioides L. ✓ Bull Run Mt., Va.
Fauquier Co. H.A. Allard
Aug. 27, 1939

7315 In dry soil, in North of Hagerell Gap.
thin, open, pine woods
(3) North of Belts 2 1/4 miles at edge of
burn on a high knob (1000 ft) here.
my first seed here, scarcely in flower,
very local.

7316 *Carya glabra* (Mill.) Sweet. ditto
(2) Edge of woods below # 7315
near Halfway, Va., N. of Belts e
1 mile or more.

7317 *Eupatorium aromaticum* L. ✓ ditto
(1) with # 7315
Full bloom e

7318 *Desmodium viridiflorum* L. Beck ditto
(1) with # 7315, ✓ e

7319 *Cacalia atriplicifolia* L. ✓ ditto
(1) In wood road at foot of
wooded knob near Halfway, (where
dog came out and barked) e

7320 *Desmodium viridiflorum* L. Beck ditto
(1) with # 7319 *dillenii* Darb. ✓ e

7321 *Trappium americana* L. ditto
(2) Near # 7319. e

Hyperanthus
? *Penthorum*
sedoides L.
7322

(1) along brook
near # 7319.

Bull Run Mt., Va.,
Fauquier Co.
August 27, 1939.
H.A. Allard.
North of Hagerell Gap.

7323 *Centaurea ~~neglecta~~ ^{rocksensis}* Darb. ✓ ditto
(3) In grassy soil in woods e
near # 7319.

7324 *Desmodium dillenii* Darb. ✓ ditto
(1) In clearing with # 7323 e

7325 *Geum canadense* Jacq. ditto
(2) In swamp on wood road
North of Belts where pastures
give way to heavy woods, on slope
to lower ground at foot of high knob
toward Halfway, Va. e

7326 *Elephantopus carolinianus* Willd. ✓ ditto
(2) with # 7325; ^{Raeppach.} ~~Willd.~~ ^{very}
beautiful with simple stars or oblong; e
full flower

7327 *Sanicula canadensis* L. ditto
(2) with # 7325 e
Part fl.

7328 *Agrimonia gryosepala* Wallr. ditto
(1) with # 7325; part flowering
mostly; abundant here in swamp. e

2. *Penthorum sedoides* L. Bull Run mt., Va
Fauquier Co
August 27, 1939
H.A. Allard
7329 In swampy spot
at foot of slope
where woods begin
(4) North of pasture north of Belts.
Slope has steep from a knob 1000 ft. near
Hallway. Burn of April 1939 stopped here.

7330 *Leersia virginica* Willd.
Gramineae
(1) with # 7329 ditto
e

7331 *Epilobium coloratum* Muhl.
(3) with # 7329 ditto
e

7332 *Polygonum aciculatum* Ell.
var *leptostachyum* Meier.
(2) with # 7329 ditto
e

7333 *Geum canadense* Jacq.
(1) In damp thickets on wood road with
7332 ditto
e

7334 *Boehmeria cylindrica* L. var
(3) with # 7332 ditto
e

7335 *Lactuca spicata* (Lam.) Hitch.
(1) with # 7332.
bl. hole near ditto
e

Cryptotaenia canadensis (L.) DC Bull Run mt., Va
~~*Lactuca spicata* (Lam.) Hitch.~~ August 27, 1939
H.A. Allard
7336 with # 7332 Fauquier Co.
(1) North of Hagerell Gap 1 3/4 miles
Part flowering. e

7337 *Lycopodium virginicum* L
(1) with # 7332 *multiflorum* Michx. ditto
e

7338 *Panicum basii* Pers
(2) In low ground with # 7332 ditto
e

7339 *Lappula virginiana* (L.) Greene
(2) with # 7332, abundant here. ditto
e

7340 *Polygonum virginianum* L
(1) with # 7332 ditto
e

7341 *Airsium discolor* (Muhl.) Spreng
(1) In low meadow field, burned last
April - west of Belts; abundant. ditto
e

7342 *Lobelia siphilitica* L
(2) In swampy woods along road
etc., and in shady woods near
7332; full flower, very showy. ditto
e

Desmodium illinoense (Ell.) DC. Bull Run Mt., Va.
Fauquier Co.
In woods edge field. August 27, 1939
H.A. Allard.
7343 burned over west of Belts North of Hagerell Gap, 1 1/2 miles
(6) (in April, 1939). Traces here.

7344 *Desmodium rigidum* (Ell.) DC. ditto
(1) with # 7343. Siliare.

7345 *Lespedeza bicolor* (L.) Benth. ditto
(1) In old woods edge field with 7343
burned over; scattered here.

7346 *Strophostyles helvola* (L.) Britton ditto
(2) with 7343.

7347 *Lespedeza virginica* (L.) Britton ditto
(3) with 7343.

7348 *Sporoxea pandurata* (L.) G.F.W. Mey. ditto
(1) with # 7343

7349 *Hieracium graminifolium* L. ditto
(3) with # 7343
scattered over these old sedge fields.

Galium pilosum Ait. Bull Run Mt., Va.
Fauquier Co.
In old woods edge field burned Aug. 27, 1939
H.A. Allard
7350 west of Belts. North of Hagerell Gap, 1 1/2 miles
(1) just

7351 *Gnossis alba* L. ditto
(2) From large white oak west of Belts
in pasture; lower limbs bending to ground.

7352 *Spiranthes gracilis* (Bigel.) Beck. ditto
(1) In same woods edge field with
7343

7353 *Commelina communis* L. ditto
(1) Along fence row near Belts

7354 *Sabicea nigra* Marsh. ditto
(1) on Hagerell to Broad Run station
highway, near Broad Run station
common.

7355 *Carya alba* (L.) K. Koch. ditto
(2) In old pasture west of Belts
and just west of swales below
where we park (in negro's yard)
west of white Rock.

7356 *Peltigera* Bull Run Mt., Va.
Sept. 3, 1939.
On soil east slope on
trail below High Point
from valley road. North of Thoroughfare
Gap along valley road
just east of Bessley
Mill. H.A. Allard

Desmodium dillenii Darl. Bull Run Mt., Va
along road just N. of Prince William Co
Sept. 3, 1939

7357 a few inches high H.A. Allard
(3) north of rail road north of Thoroughfare Gap
below Beverley Mill on valley road.
abundant; full bloom.

7358 *Panicum polyanthes* Schult. ditto
(1) on roadside bank
near # 7357

7359 *Oxalis stricta* L. ditto
(2) along rail road at Beverley Mill

7360 *Euphorbia maculata* L. ditto
(1) with # 7359

7361 *Stimulea Maritima* L. (var.) H.P.A. ditto
(2) along rail road with # 7359
abundant everywhere.

7362 *Achimenes alternifolia* (L.) D.C. v. ditto
(1) near rail road in thicket
in damp soil; very abundant;
full bloom.

7363 *Grasses - Leersia virginica* Willd. ditto
(3) along shaded roadway in
moist gutters just N. of rail road
crossing of valley road below Beverley.

Leersia oryzoides L. Bull Run Mt., Va
Prince William Co
Sept. 3, 1939

7364 near rail road H.A. Allard
below Beverley Mill north of Beverley Mill
(1) in red soil. (Thoroughfare Gap) or
is along valley road. valley road.
may just N. of crossing
below Mill.

7365 *Polygonum* ~~ace~~ *hydrophyllum* var. ditto
(1) var *leptostachyum* Nees
Near # 7364, red soil, *mogetum* Sanford

7366 *Eupatorium pubescens* Muhl. v. ditto
(2) on heights just north of
railroad at Beverley Mill
see trail cross down from
granite; full bloom

7367 *Eupatorium album* L. ditto
(3) in old field, top of old house
stood at left of valley road just
north of rail road at Beverley Mill.
is steep, maximum vine green
in chimney.


7368 *Desmodium dillenii* Darl. v. ditto
(1) with # 7367; in old house
field near cornfield here.


7369 *Pycnanthemum incanum* (Michx.) Moench. ditto
(1) near # 7367- ✓

7370 *Quercus rubra* L. var *maxima* (Muhl.) Ashe. ditto
(3) = " *maxima* Ashe
at quarry ed cornfield
north of house on valley field
near old house site var (see 7367)

Desmodium paniculatum Bull Run Mt., Va
Prince William Co.
in old field and v (2) Sept 3, 1939
7371 pasture near H.G. Allard.
|| large red vials (7370) stands.
abundant.

7372 *Desmodium rotundifolium* (Michx.) DC.
|| on west slope of ridge east of
High Point ridge, in open woods ditto
full bloom: scattered here: full bloom.

7373 *Quercus marilandica* Muench ditto
(3) on crest of same ridge near
7372: abundant here.
 No little points on some of them: no lobes

7374 *Quercus marilandica* Muench ditto
|| near # 7373.
(3 lobed type) 

7375 *Lepidogon violacea* (L.) Pers. v ditto
|| in wood road on east slope of
High Point ridge near High Point.
abundant: full bloom.

7376 *Gerardia laevigata* (Raf.) Raf. ditto
|| *areolata*
Near # 7375: scattered: full bloom.

7377 *Digitaria inchaenum* (Schreb.) Muhl ditto
(2) on thin soil on top of High Point
cliffs in pure colony.

Stenophylla capillaris (L.) Bull Run Mt. Va
Sept. 3, 1939
on High Point cliffs
7378 near # 7377

||
= *Bulbostylis capillaris* (L.) C. B. Clarke

7379 *Centanea melanocephala* Arlington Farm.
(3) as labelled from Rex D. Pearce, 1938
N. J. (?) collected for Blake, S. F.
Aug. 30, 1939, by H. G. Allard.
Grown at Arlington Farm on length of day

7380 *Centanea stenophylla* ditto
(labelled) - from same source and
grown in same tests with # 7379.
seed from Rex D. Pearce.

7381 *Edum telephrioides* Arlington Farm.
(2) from Massanutten same source
also: grown in tests at Arlington Farm.
(see data) These control plants: in full
bloom: collected Sept. 6, 1939. Killed by
water in hot water forest Bull Run dr.

7382 To compare with *S. telephrium* in Bull Run dr.
(2) *Solidago ulmifolia* Muhl Bull Run Mt. Va
On trail to and west slope on High Point ridge
just S of High Point Sept. 10, 1939. H. G. Allard
cliffs, Fairfax Co. ditto
since little serrate: abundant.

7383 *Nymphaea advena* 2 ditto
North of Thoroughfare Gap 1/2 mile
in Broad Run creek: only colony here:
leaves only: get flowers next spring.

7384 *Humulus lupulus* L. ditto
(5) Thicket at # 7383: one plant.
also a huge cucumber vine here.
on a dump.

Quercus bicolor Willd Bull Run Mt., Va
Fauquier Co.
Sept 10, 1939
H.A. Allard
7385 1/2 mi north of Thoroughfare Gap 1/2 mile
15' in low ground beside Broad Run creek;
near # 7383. Abundant on Triassic east;
less so west of Bull Run ridges. e

7386 *Edicta alba* (L.) Hassk. v ditto
18' at Berkeley Mill in waste ground
beside mill; only weeds are here.
full bloom; seedling abundant. e

7387 *Polygonum*? *assiculare* ditto
12' with # 7386 *erectum* L. e

7388 *Polygonum pennsylvanicum* L ditto
13' at Berkeley Mill in waste ground near
right bank; abundant. full bloom; pink
var *laevigatum*. f. *halsacense* Stanford e

7389 *Polygonum* ~~assiculare~~ *punctatum* Ell. ditto
31 var. ~~leptostachyum~~ Meisn
with # 7388: abundant. e

7390 *Xanthium saccharatum* Walt. v ditto
12' with # 7388: abundant along R.R.
here etc. e

7391 *Verbena strictaefolia* L ditto
2' just north of Thoroughfare Gap, at
junction of # 55 highway with Broad
Run north past Broad Run Station: abundant
in low meadow here at bridge. e

Scirpus Bull Run Mt., Va
Fauquier Co.
In same low meadow pasture Sept. 10, 1939
H.A. Allard
7392 with # 7391 and H.A. Allard
12' in water and mud of Broad Run here.
= *Scirpus angustoides* (L.) Swartz e

7393 ~~*Helianthus decapetalus* L~~ ditto
11' with or near # 7391: full bloom.
= *Helianthus scabra* Pers v e

7394 *Polygonum* ~~erectum~~ *erectum* L ditto
11' Growing near # 7391, in at bridge. e

7395 *Carya cordiformis* (Wang.) K. Koch ditto
18' In low meadow with # 7391
Large trees here e

7396 *Salix nigra* Marsh ditto
12' On creek banks (Broad Run)
at bridge near # 7392: very abundant. e

7397 *Cypripedium virginicum* Michx. ditto
11' In red soil by roadside at
Broad Run station
7397A = *Bidens coccinea* (Gray) Wieg

7398 *Bidens vulgata* Greene ditto
11' with # 7397

Prenanthes trifoliata (Cass.) Ternald Bull Run Mt., Va
Road side thicket near
7399 Broad Run station. Sept. 16, 1939
H.A. Allard
(2)

7400 *Aureolaria pedicularia* (L.) Raf. ditto
(2) In dry oak woods, west slope
just above Broad Run station
in red oak, black oak etc. Not abundant
in Bull Run area: Bull Run

7401 *Saxifraga nigra* Marsh
(2) var. *falcata*? ditto
In springy spot in pasture west slope
above Broad Run station

7402 *Stylasanthus biflora* (L.) BSP. ✓ ditto
(2) In pasture near * 7401

7403 *Demodrin dillenii* Barl. ✓ ditto
(2) In woods west slope with * 7400.
on woodroad below High Point.
abundant.

7404 *Helianthus strumosus* L. ✓ ditto
(3) In damp spot in wood road
west slope below High Point.

7405 *Lespedeza violacea* (L.) Pers. ✓ ditto
(2) In wood road with * 7404
also in broadside fields.

Hieracium scabrum Michx. Bull Run Mt., Va
In woods, west slope
7406 near High Point cliffs. Sept. 10, 1939
H.A. Allard
abundant.

7407 *Thalictrum dioicum* L. ditto
(1) Colony under huge tulip poplar tree
in woods, west slope near High Point.

7408 *Leucobryum album* ditto
(1) on soil on slope at foot of
High Point cliffs. Large area.
pure, and very beautiful with its
light yellowish green.

7409 *Panicum ashei* Pers. ditto
(2) on cliffs at High Point, west
slope just below crest.

7410 *Stemphyllus capillaris* (L.) Britton ditto
(1) In thin sandy soil on cliff shelf
at top of High Point cliffs.
abundant here. *Bulbostylis capillaris* (L.) C.B. Clarke

7411 *Lespedeza hirta* (L.) Hornem. ✓ ditto
(3) On High Point ridge gas trail
to High Point, and just south
of High Point cliffs. very abundant
on dry wooded hills etc., here.

7412 *Polygonum scandens* L. ditto
(2) climbing high over bushes N. of Thoroughfare
Gap - near * 7385; abundant.

Casalia atriplicifolia L ✓ Bull Run Mt., Va
in woods east of Tangier Co
7413 Buzzard Run station Sept. 10, 1939
H.G. Allard.
11) west slope on way to High Point Cliffs.

7414 *Carallorhiza odontorhiza* Nutt. ditto
11) In damp, rich woods west slope
below High Point Cliffs.
abundant: in colonies usually.

7415 *Conyza semperflorens* L. Pers. ditto
11) On High Point Cliffs: in flower: passing
May first Bull Run road; very few plants:
a few seedlings only, and two mature plants.

7416 ^{2 specimens} *Cyperaceae* ^{13/} *Timbistylis castanea* (Michx.) Vahl. ditto
Poplar Island, Chesapeake Bay, Talbot Co.,
several miles off Eastern
shore. Sept. 17, 1939
H.G. Allard, Maryland
on eastern shore in
low marsh: nearly lost.

7417 *Gramineae*. ditto
(8) with #7416, forming pure, matted
stands over great areas of low marsh.

7418 *Spartina alterniflora* ditto
with #7416: abundant and
on saline shores here.

7419 *Scirpus robustus* Pursh ditto
12) with #7416: scattered
here: not abundant.

Spartina
in salt marsh
7420 on beach near
13) #7416

Poplar Island
Chesapeake Bay
Talbot Co., Md.
Sept. 17, 1939
H.G. Allard.

7421 *Bidens aristata* ditto
13) Near #7422

Galesville, Md
Sept. 17, 1939
H.G. Allard
Prince Georges Co.

7422 *Andropogon virginicus* L ditto
13) Near #7421

7423 *Aster subulatus* Michx. ditto
15) Rays very short faint lilac to purplish.
In pine woods near shore; one colony, full
bloom: Have never found this aster before.

7424 *Baccharis halimifolia* L ditto
Near #7423. Extremely common
along shore margin; staminate &
mitisplate; full bloom. I saw one and
clarence Beatty of our office, Tolson, D.C.,
7425 *Solidago sempervirens* L ditto
12) In marsh east shore; abundant:
full bloom

7426 *Cuscuta obtusiflora* HBK. ditto
on *Baccharis halimifolia* L
very abundant in this in marsh
on east shore; also on *Solidago sempervirens* L

Eupatorium serotinum Michx. Poplar Island,
Chesapeake Bay,
Talbot Co., Sept. 17, 1939
H.A. Allard,
(b) # 7423; abundant; full bloom.

7428 *Atriplex patula*
var *hastata* (L.) Gray.
with # 7427; abundant;
hastate. ditto

7429 *Pluchea camphorata* (L.) D.C. var. *sacculata* Torr.
(4) In marsh east shore;
abundant on island in red soil;
showy. ditto

7430 *Cladonia*.
on soil and just west of Woodstock, Va.
(2) dead log on bark. on soil and bark of log.
Sept. 24, 1939
H.A. Allard.
= *C. macilenta* f. *stypacella* (Ach.) Wain.

7431 = *Cladonia chlorophaea* (Floerke) Spreng.
(1) cups
with # 7430
7431A = *C. coniocraea* f. *ceratodes* (Floerke) Wain.

7432 *Asiotheca pumila* L.
on red slope well
of clearing from Trout
Run to Tower (Aniakton)
North Mountain, West Va.
Near Sugar Knob,
Hardy Co.
Sept. 23, 1939
H.A. Allard.

7433 Gramineae
(1) Near # 7432 ditto

Aster divaricatus West slope of North Mt.,
West Va., near Sugar Knob.
with # 7432 Hardy Co., Sept. 23, 1939
H.A. Allard
7434 near Aniakton Tower.
(1) Leaves not long acuminate.

7435 *Gerardia laevigata*
(1) Near # 7434 ditto
Leaves very narrow.

7436 *Viola canadensis* L.
(1) Near Trout Run in damp
soil west slope in cleared
area; in flower. ditto

7437 *Erechtites hieracifolia* (L.) Raf.
(2) In cut over rd tunnel area
leading from Trout Run to Aniakton Tower.
full bloom. ditto

7438 *Chelone glabra* L.
(3) Flowers whitish or pinkish
In red soil near # 7437 - here
cut over area is half way up to crest 3300 ft. ditto


7439 *Aster macrophyllus* L.
(1) Near # 7438 - it at
east spring of slope. ditto

7440 *Eupatorium verticillifolium* Reichenb. ditto
(1) with # 7438 - it in
clearing of mountain to tower; abundant,
full bloom.

Eupat Galium

74 7441 ^{on mountain slope, west slope of North Mt., west Va., near Sugar Knob} ^{Sept. 23, 1939, H.A. Allard,} ^{west slope in cut over area from Trout Run} (3) to variation tower.


74 7442 *Sorbus americana* ditto (1) (3) Coarsely-toothed juvenile leaves on trees cut down in area to tower from Trout Run; compare with fine teeth of mature leaves.

74 7443 Red Oak ditto (4) (5) *Quercus borealis* - northern form (acorns and leaves) acorns cups deep, not long, pointed;  not a shallow saucer like ours here.

74 7444 *Quercus ilicifolia* Wang. ditto (2) (5) juvenile leaves from cut-over trees, - ie from low basal sprouts of one summer's growth; compare with normal leaves of #7445

74 7445 *Quercus ilicifolia* Wang ditto (1) (7) Normal leaves of full-grown trees at top of mt. (3300 ft.) at variation tower. very abundant, nearly pure stand here.

74 7446 *Solidago erecta* Pursh. ditto (1) On trail from Sugar Knob down to Trout Run. Near top of plateau here.

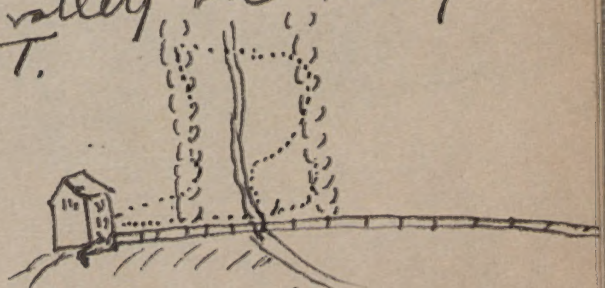
74 7447 *Munz* ditto (1) (several) On rocks of wall in spring on Sugar Knob-Trout Run trail - near top  Trail to Sugar Knob

July 1-4, 1939 west Va. To Canaan valley, with Mr. & Mrs. Klunger, 1939 July 8- July 28. To maine, Patter, etc. Hill Bill and Dr. Brandes August 6, 1939. To area S. of Hagerell Gap and to High Point slope with T. August 14, 1939. To area S. of Hagerell Gap, High Point etc., with A.B. Gurney. August 24, 1939. To North mt., west Va. in Trout Run, Sugar Knob area with A.B. Gurney.

#7287 and #7287a: variant leaves and normal leaves of *Sorbus americana* on North mt., west Va., August 24, 1939

Aug. 27, 1939. To area N. of Hagerell Gap with S.R., walking from negro house at turn of road nearly to Halfway, over farm of 1939 (April).

Sept. 3, 1939. To area N. of Borerley Mill on High Point ridge to High Point, and on ridge east, and the valley and valley road between with T. Route taken.



Sept. 10, 1939. To west slope of High Point ridge and North of Thoroughfare Gap to High Point with D.

Sept. 17, 1939. To Poplar Island,
in Chesapeake Bay, Talbot Co.,
with Clarence Beatty (Tobacco, Inc.)
Doris, Roy, Aubrey Babcock and
Harvard Allard. Very windy in P.M.
sailed to island in Siegler's sailboat,
The Seacloud.

Sept. 23 and 24, 1939. To west slope and
top of North Mt., from Tronil Run to
Aviation Tower of closed area, and
coming down trail via Half Moon
shelter, Sept. 24. Take # 601. off
U.S. route # 11 (Valley Pike) just
north of roadstock, continuing over
mountain past power line tower
and down west slope, driving N
on to # 55 to Strasburg. Went
with T—

All Juncaceae, Cyperaceae
in this book, identified by
Dr. F. J. Hermann.

Panicum carota L., forma roseus
Fernald, occurs at Hapenell Gap
etc. (collect!)

all numbers with symbol e card
indexed and checked,
all willows checked or identified
by Dr. E. D. Ball - See *Salix pellita*
7068 & 7102, perhaps southernmost
limit (for this species).

7447: *Eurhynchium glaucum* (Hedw.) Kuhn.
7447a: *Sclerophylax nemorosa* (L.) Dumort.
7447b: " plus *Marsipella sphacellata*
(Sacc.) Dumort.
7447c: *Thuidium delicatulum* (Hedw.) Mitt., plus
Anacamptis palustre (W. & M.) Schum.
7447d: *Brachythecium oxycladon* (Brid.) J. & S.
(very slender), plus *Anacamptis palustre* (W. & M.) Schum.
plus *Hypnum reptans* Mx.
7447e: *Anacamptis palustre* (W. & M.) Schum.
plus *Thuidium* sp., plus *Eurhynchium*
serotinum (Hedw.) Kuhn.

